

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120921.D
 Acq On : 17 Jul 2020 14:28
 Operator : JU/CG
 Sample : L3335-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

Quant Time: Jul 17 15:05:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	226832	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	874004	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	449032	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	819284	20.00	ng	0.00
76) Chrysene-d12	13.98	240	481731	20.00	ng	0.00
86) Perylene-d12	15.43	264	506731	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1171600	84.67	ng	0.02
7) Phenol-d6	6.46	99	1477034	82.64	ng	0.01
23) Nitrobenzene-d5	7.39	82	937844	62.09	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	418758	85.20	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1685697	56.05	ng	0.00
79) Terphenyl-d14	12.93	244	1510135	68.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	244548	38.402	ng	100
3) Pyridine	3.36	79	691941	40.846	ng	100
4) n-Nitrosodimethylamine	3.32	42	321589	44.395	ng	95
6) Aniline	6.48	93	803232	34.428	ng	99
8) 2-Chlorophenol	6.60	128	687742	45.119	ng	99
9) Benzaldehyde	6.36	77	185914	18.137	ng	99
10) Phenol	6.47	94	809495	41.172	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	639344	42.430	ng	100
12) 1,3-Dichlorobenzene	6.76	146	675426	40.864	ng	100
13) 1,4-Dichlorobenzene	6.83	146	675693	41.112	ng	99
14) 1,2-Dichlorobenzene	6.99	146	662448	42.605	ng	99
15) Benzyl Alcohol	6.96	79	542101	42.888	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	911722	41.979	ng	100
17) 2-Methylphenol	7.07	107	541787	40.102	ng	99
18) Hexachloroethane	7.33	117	247350	41.581	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	420178	41.342	ng	98
20) 3+4-Methylphenols	7.23	107	580476	33.776	ng	91
22) Acetophenone	7.23	105	787179	40.131	ng	# 92
24) Nitrobenzene	7.40	77	671836	41.268	ng	98
25) Isophorone	7.65	82	1268982	42.095	ng	98
26) 2-Nitrophenol	7.72	139	365264	47.241	ng	95
27) 2,4-Dimethylphenol	7.76	122	567309	45.191	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	799618	43.454	ng	100
29) 2,4-Dichlorophenol	7.96	162	553322	43.135	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	596492	41.912	ng	98
31) Naphthalene	8.13	128	1797421	40.092	ng	99
32) Benzoic acid	7.90	122	489203	51.913	ng	97
33) 4-Chloroaniline	8.17	127	558252	27.913	ng	99
34) Hexachlorobutadiene	8.25	225	338696	40.370	ng	99
35) Caprolactam	8.56	113	120809	29.368	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	574985	43.705	ng	96
37) 2-Methylnaphthalene	8.82	142	1225671	42.105	ng	99
38) 1-Methylnaphthalene	8.92	142	1154873	41.889	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	541450	41.386	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	425037	58.783	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	407125	44.197	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	436103	41.737	nq	98
46) 1,1'-Biphenyl	9.28	154	1406522	41.064	nq	98
47) 2-Chloronaphthalene	9.30	162	1133739	40.598	nq	99
48) 2-Nitroaniline	9.40	65	363398	43.060	nq	91
49) Acenaphthylene	9.72	152	1755070	40.455	nq	99
50) Dimethylphthalate	9.59	163	1616936	49.913	nq	99
51) 2,6-Dinitrotoluene	9.65	165	310047	44.549	nq	93
52) Acenaphthene	9.89	154	1077915	39.080	nq	99
53) 3-Nitroaniline	9.81	138	250438	28.691	nq	96
54) 2,4-Dinitrophenol	9.92	184	259348	66.043	nq	91
55) Dibenzofuran	10.06	168	1567624	39.302	nq	100
56) 4-Nitrophenol	9.98	139	557816	84.128	nq	99
57) 2,4-Dinitrotoluene	10.05	165	409223	44.775	nq	98
58) Fluorene	10.41	166	1108770	37.272	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	361830	45.481	nq	96
60) Diethylphthalate	10.29	149	1362233	41.574	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	550570	34.699	nq	99
62) 4-Nitroaniline	10.43	138	304433	35.804	nq	99
63) Azobenzene	10.56	77	1255516	40.248	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	181178	38.993	nq	94
66) n-Nitrosodiphenylamine	10.52	169	1130404	43.860	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	389009	42.587	nq	97
68) Hexachlorobenzene	10.95	284	427994	43.315	nq	97
69) Atrazine	11.05	200	319677	50.083	nq	99
70) Pentachlorophenol	11.15	266	481153	84.999	nq	100
71) Phenanthrene	11.37	178	1664452	39.502	nq	99
72) Anthracene	11.42	178	1727337	40.825	nq	99
73) Carbazole	11.57	167	1611348	38.375	nq	99
74) Di-n-butylphthalate	11.90	149	2040623	42.113	nq	99
75) Fluoranthene	12.55	202	1739934	37.254	nq	99
77) Benzidine	12.67	184	1164471	91.940	nq	99
78) Pyrene	12.78	202	1735486	50.956	nq	100
80) Butylbenzylphthalate	13.40	149	825362	54.362	nq	96
81) Benzo(a)anthracene	13.97	228	1180792	40.478	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	519982	47.248	nq	98
83) Chrysene	14.00	228	1301549	42.457	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	974284	52.039	nq	# 99
85) Di-n-octyl phthalate	14.57	149	1795683	48.209	nq	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1592382	45.185	nq	99
88) Benzo(b)fluoranthene	15.01	252	1339125	43.719	nq	99
89) Benzo(k)fluoranthene	15.04	252	1220431	43.689	nq	99
90) Benzo(a)pyrene	15.37	252	1210864	43.329	nq	100
91) Dibenzo(a,h)anthracene	16.88	278	1296523	45.039	nq	98
92) Benzo(g,h,i)perylene	17.30	276	1312566	46.244	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

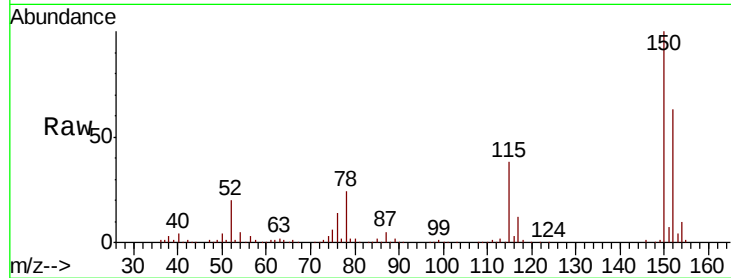


#1

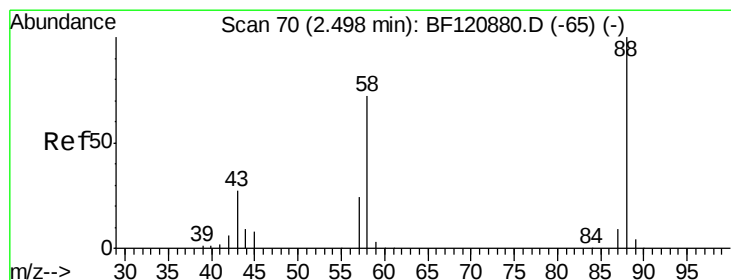
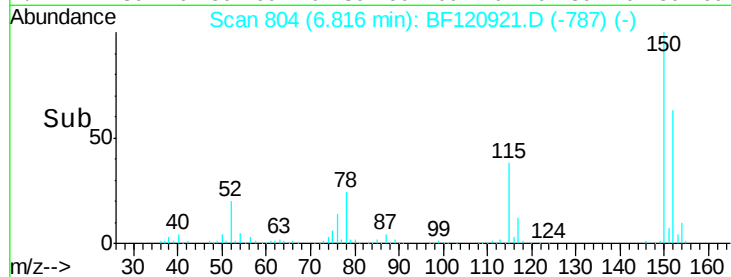
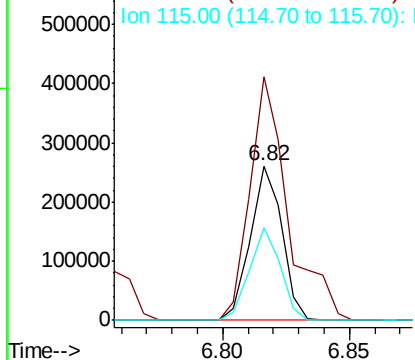
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Instrument :
BNA_F
ClientSampled :
TP-11-SMS

Tot Ion:152 Resp: 226832
Ion Ratio Lower Upper
152 100
150 157.5 125.0 187.6
115 59.7 47.0 70.4



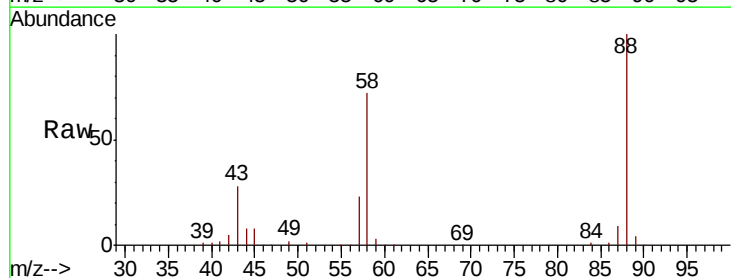
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



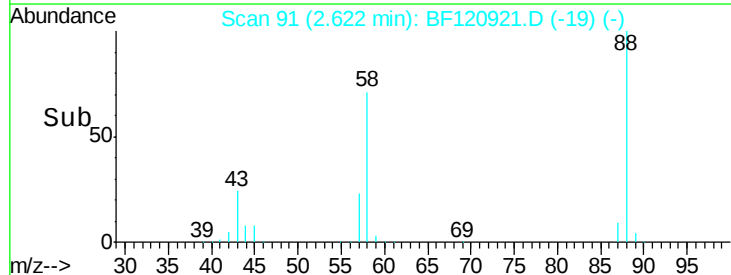
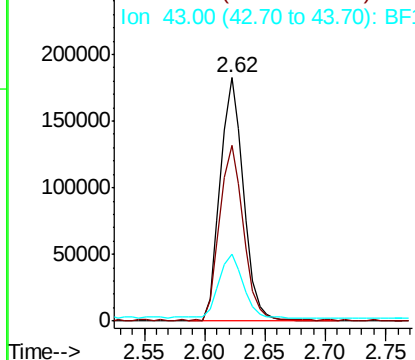
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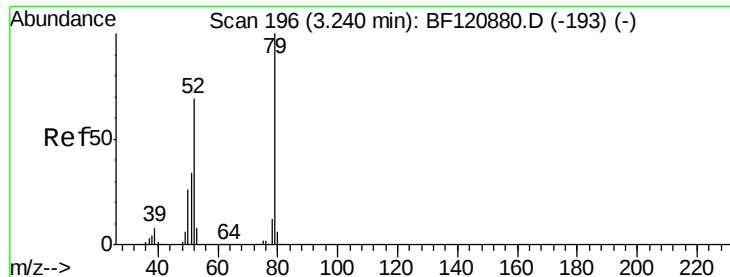
1,4-Dioxane
Concen: 38.402 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.12 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion: 88 Resp: 244548
Ion Ratio Lower Upper
88 100
58 72.9 58.2 87.2
43 28.1 22.1 33.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

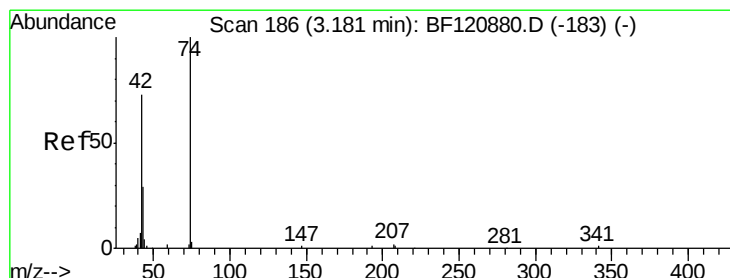
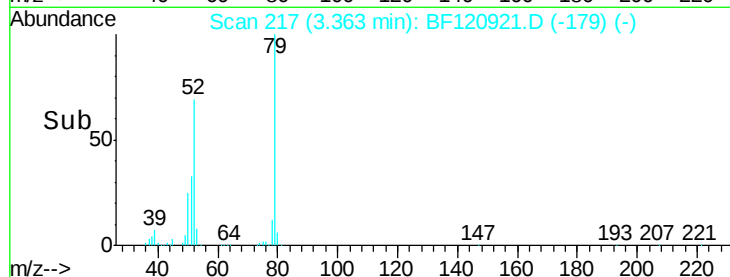
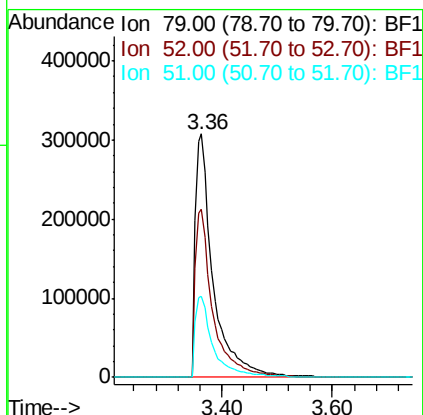
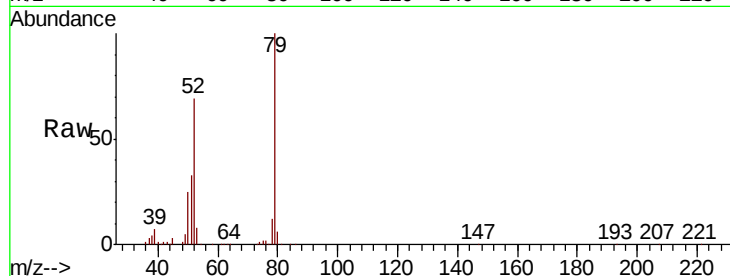




#3
 Pvridine
 Concen: 40.846 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.12 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

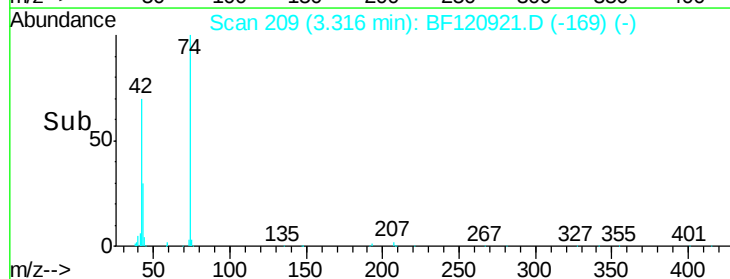
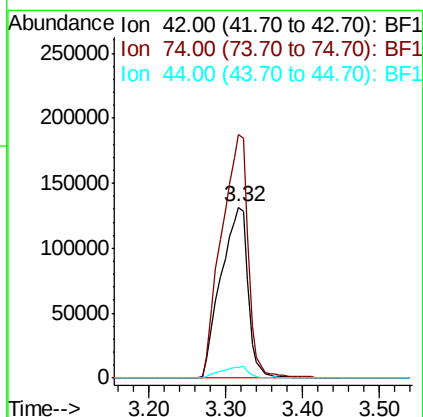
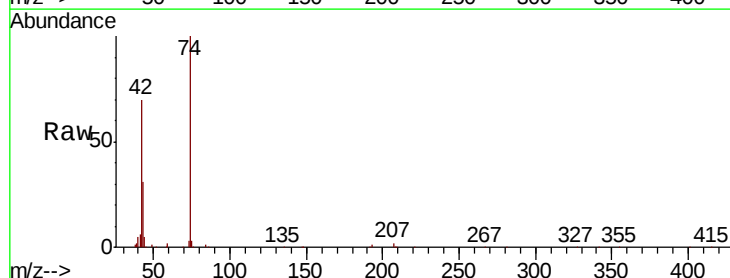
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

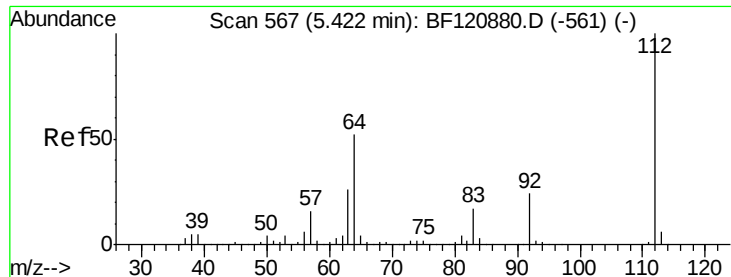
Tot Ion	Ratio	Lower	Upper
79	100		
52	69.0	55.0	82.6
51	33.3	26.9	40.3



#4
 n-Nitrosodimethylamine
 Concen: 44.395 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.14 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
42	100		
74	142.5	108.7	163.1
44	6.6	5.2	7.8





#5

2-Fluorophenol

Concen: 84.674 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampled :

TP-11-SMS

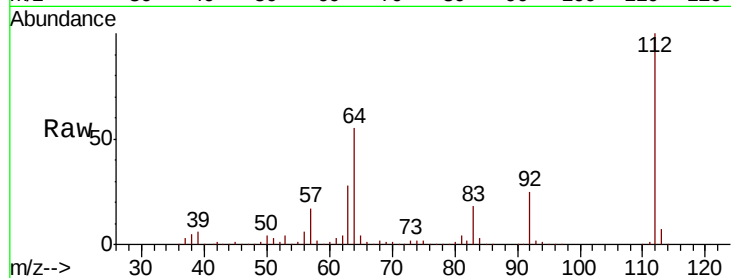
Tot Ion:112 Resp: 1171600

Ion Ratio Lower Upper

112 100

64 55.2 41.3 61.9

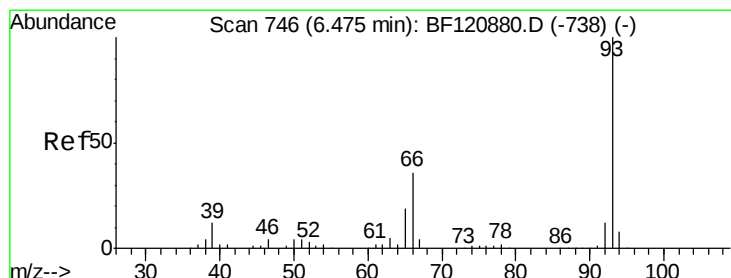
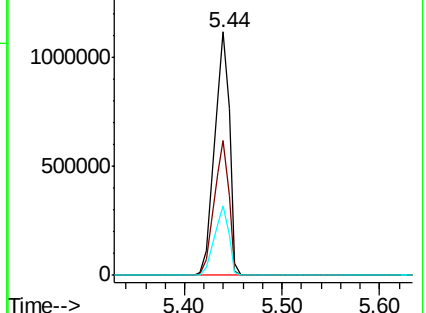
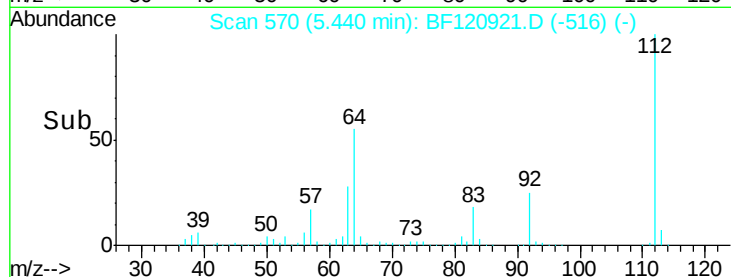
63 28.4 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.428 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

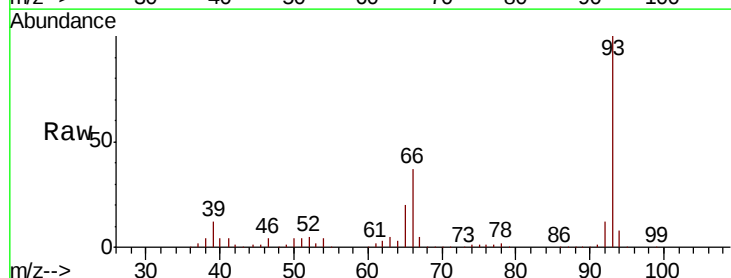
Tgt Ion: 93 Resp: 803232

Ion Ratio Lower Upper

93 100

66 37.0 30.2 45.4

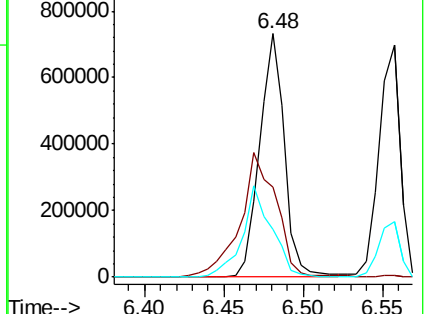
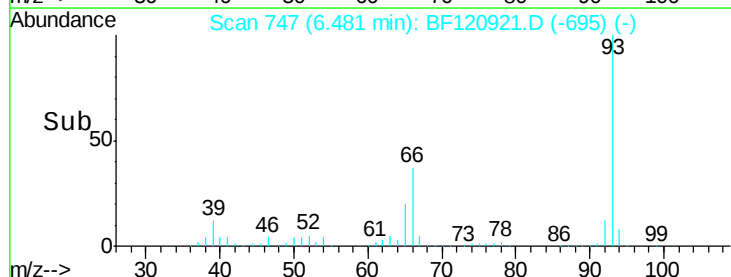
65 19.7 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.639 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

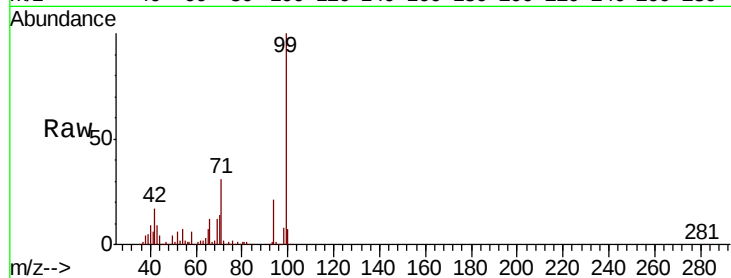
Tot Ion: 99 Resp: 1477034

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

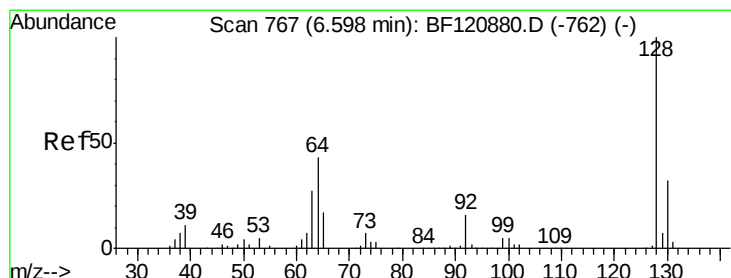
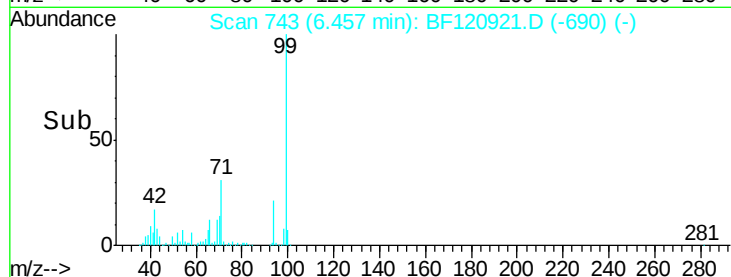
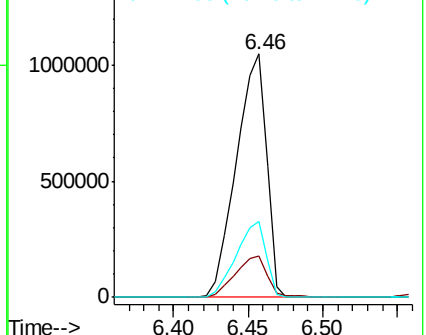
71 31.0 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.119 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

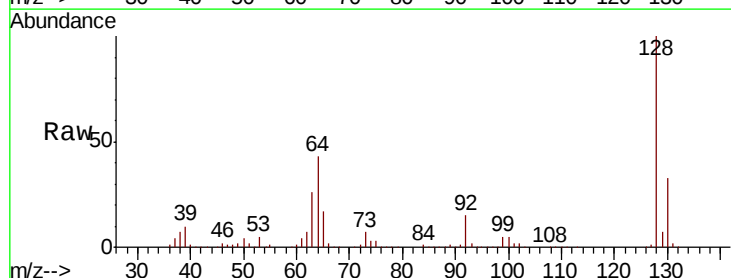
Tgt Ion: 128 Resp: 687742

Ion Ratio Lower Upper

128 100

130 33.3 12.1 52.1

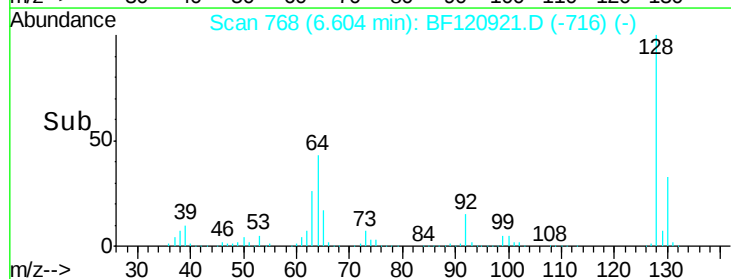
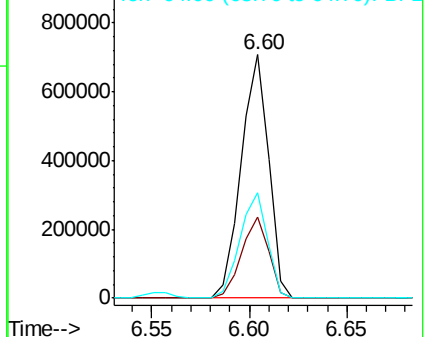
64 43.3 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.137 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

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ClientSampleId :

TP-11-SMS

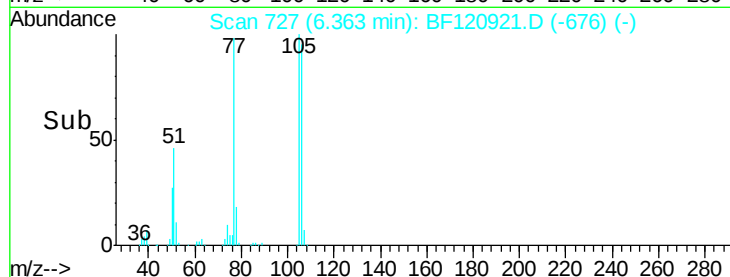
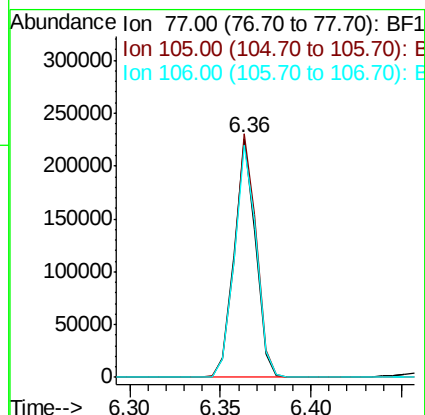
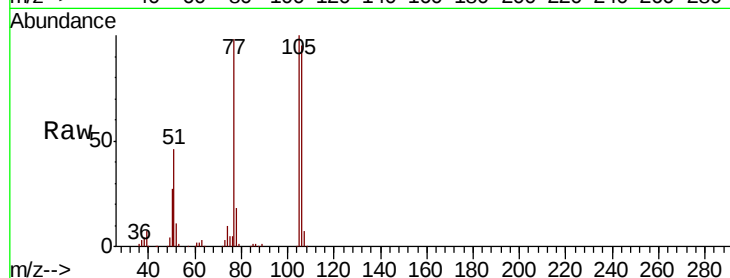
Tot Ion: 77 Resp: 185914

Ion Ratio Lower Upper

77 100

105 102.0 82.5 122.5

106 97.3 78.7 118.7



#10

Phenol

Concen: 41.172 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

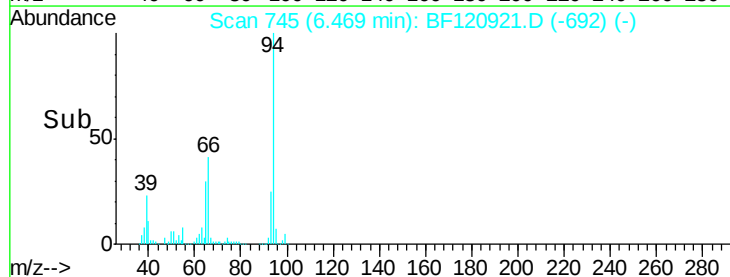
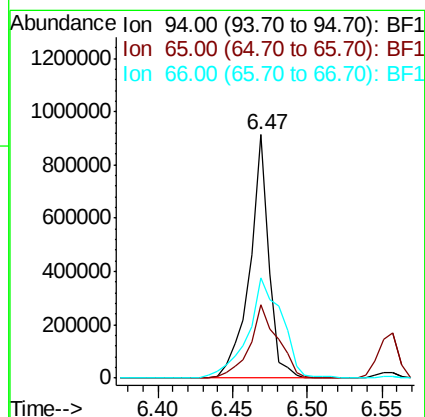
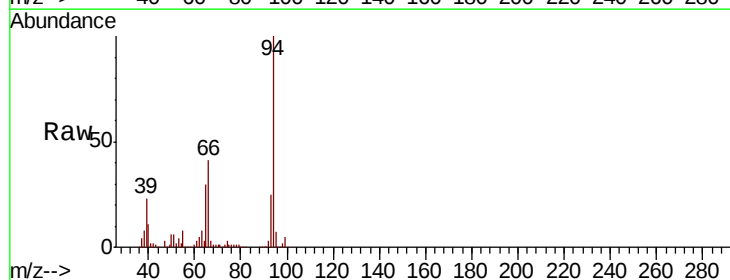
Tgt Ion: 94 Resp: 809495

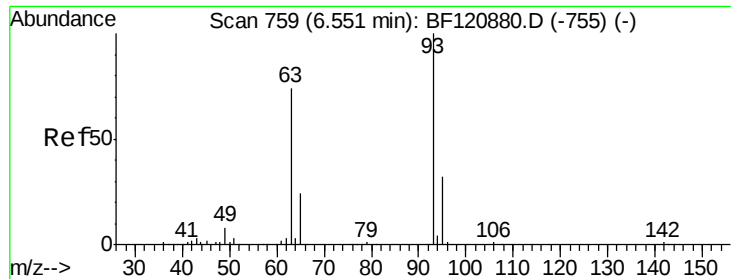
Ion Ratio Lower Upper

94 100

65 30.2 6.6 46.6

66 41.1 13.2 53.2

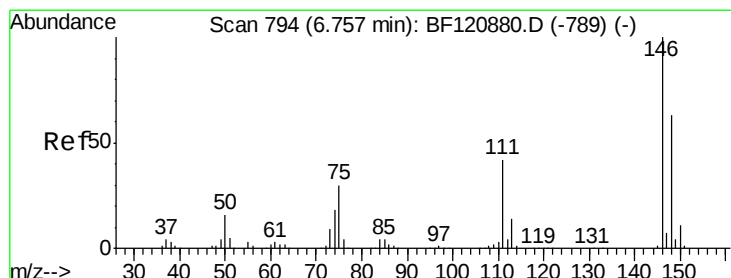
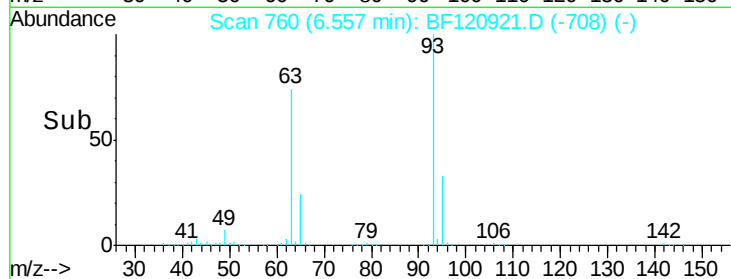
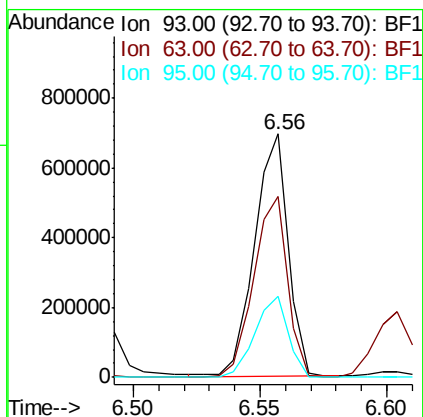
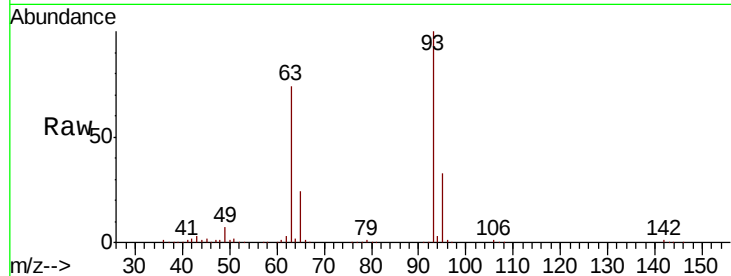




#11
bis(2-Chloroethyl)ether
Concen: 42.430 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

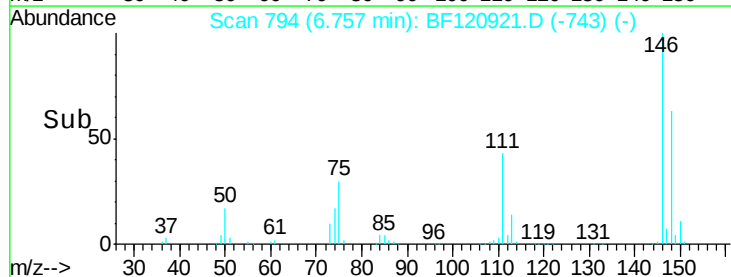
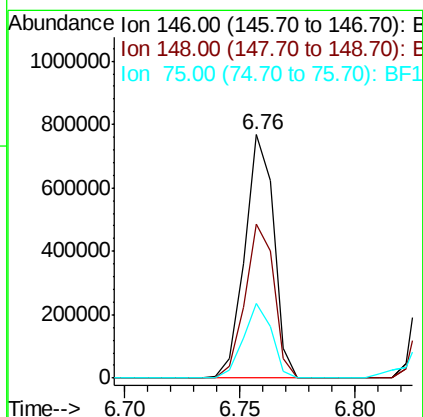
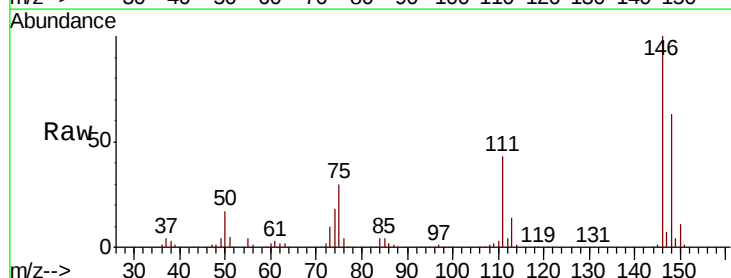
Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

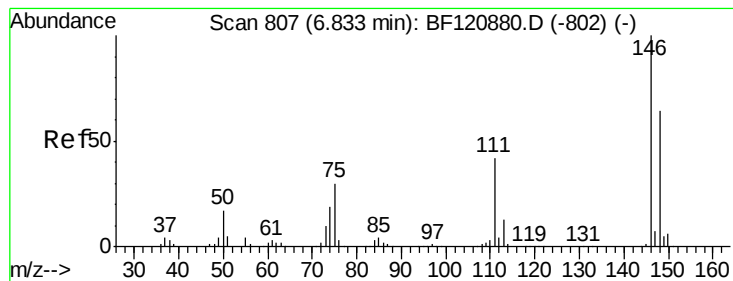
Tot Ion: 93 Resp: 639344
Ion Ratio Lower Upper
93 100
63 74.2 54.2 94.2
95 33.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 40.864 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion: 146 Resp: 675426
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
75 30.4 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 41.112 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

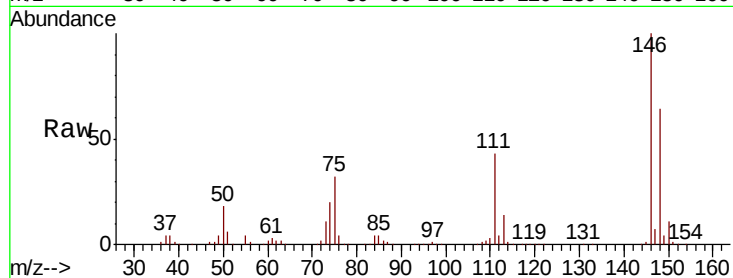
Tot Ion:146 Resp: 675693

Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

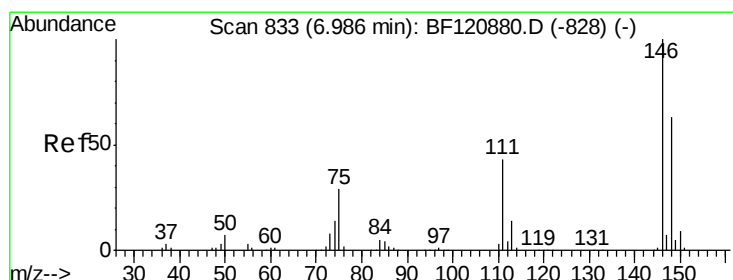
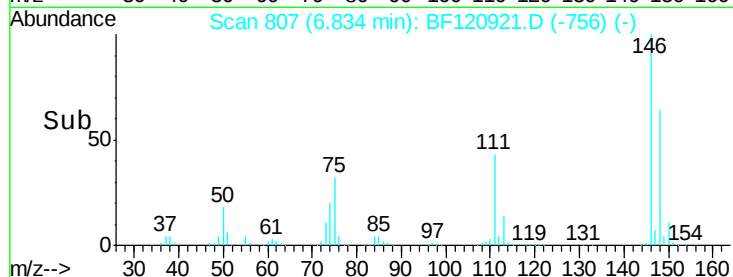
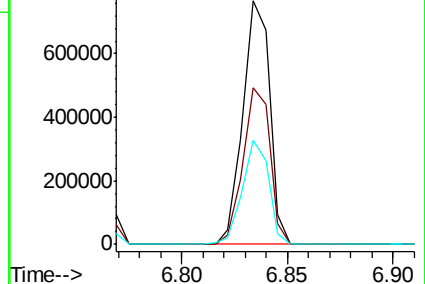
111 42.5 33.5 50.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.605 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

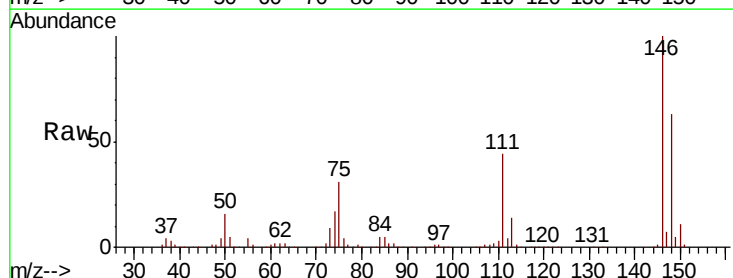
Tgt Ion:146 Resp: 662448

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

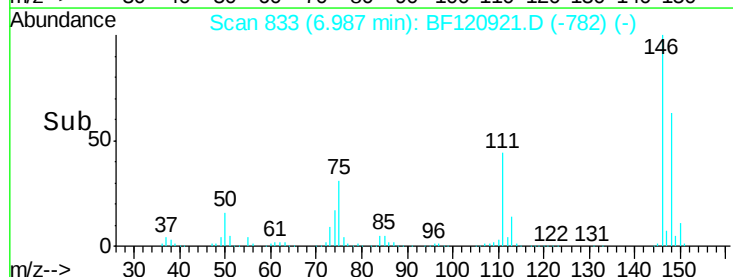
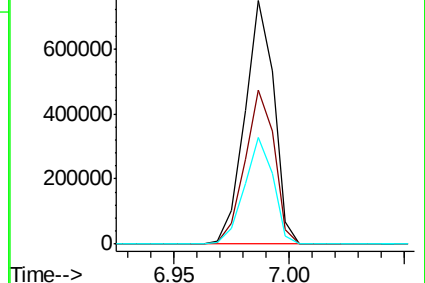
111 43.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

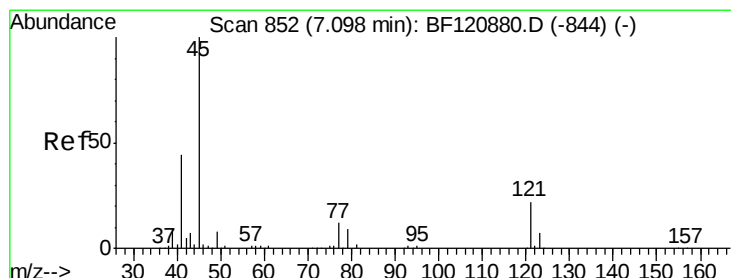
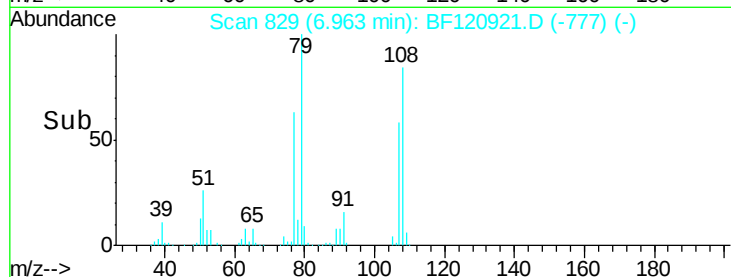
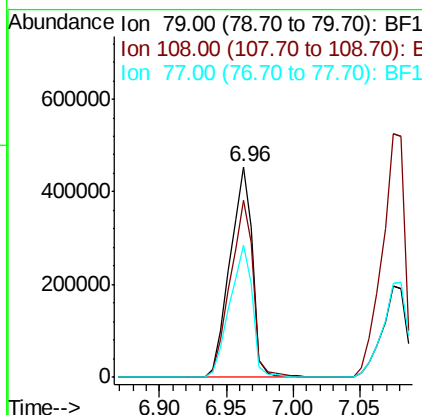
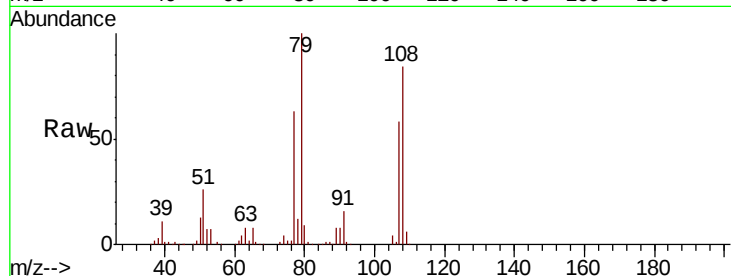




#15
Benzyl Alcohol
Concen: 42.888 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

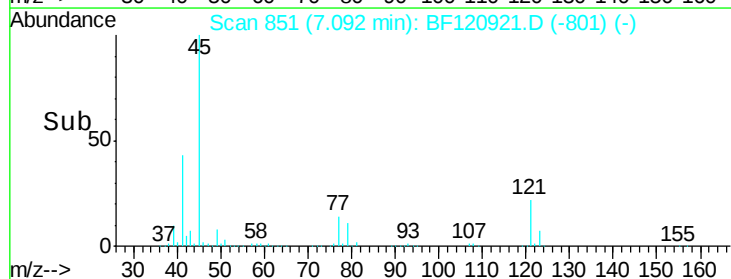
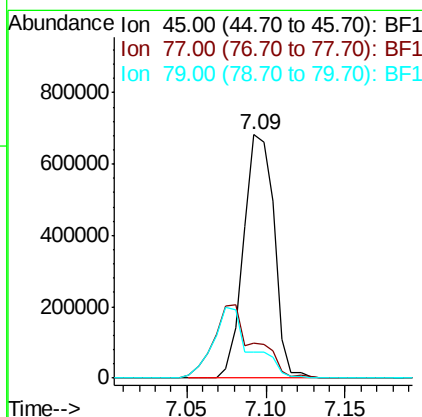
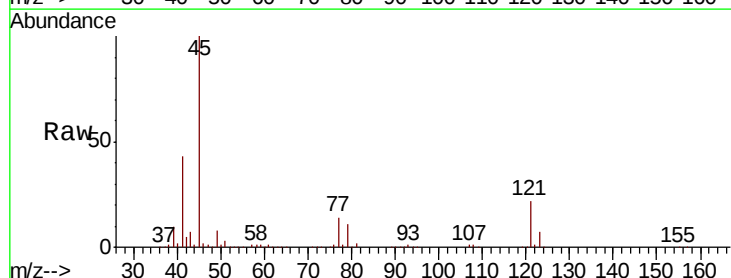
Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

Tot Ion: 79 Resp: 542101
Ion Ratio Lower Upper
79 100
108 84.2 67.0 100.6
77 62.9 51.0 76.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.979 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion: 45 Resp: 911722
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.3
79 10.6 0.0 31.0

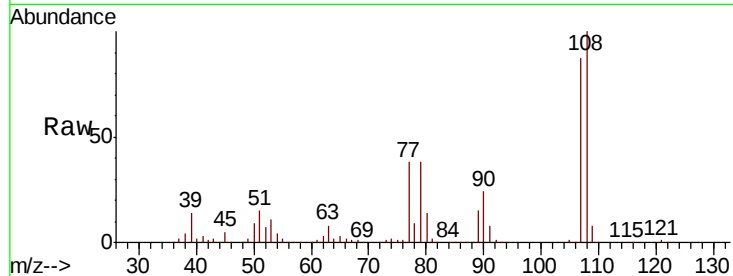




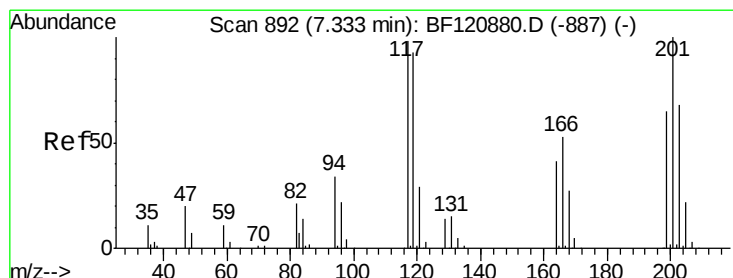
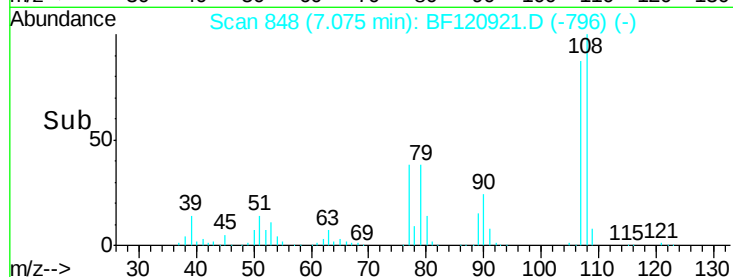
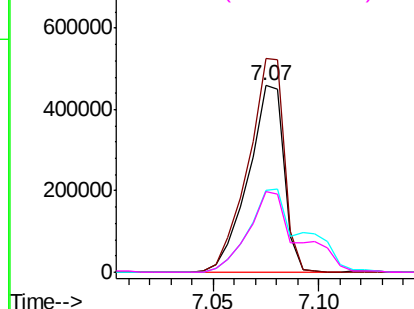
#17
2-Methylphenol
Concen: 40.102 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

Tot Ion:107 Resp: 541787
Ion Ratio Lower Upper
107 100
108 114.7 92.0 138.0
77 44.0 34.0 51.0
79 43.1 33.3 49.9

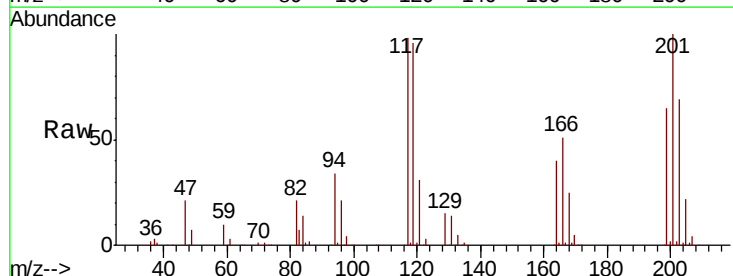


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

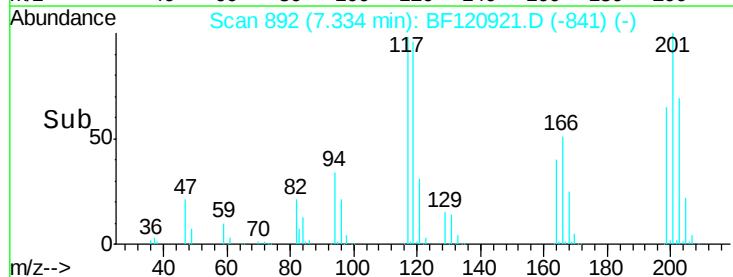
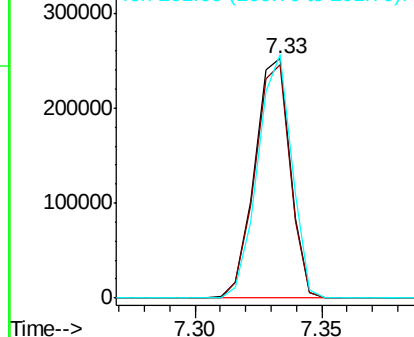


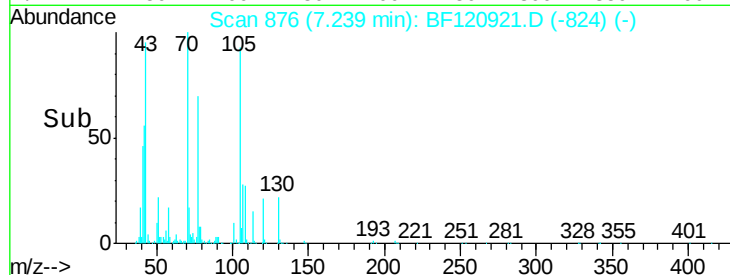
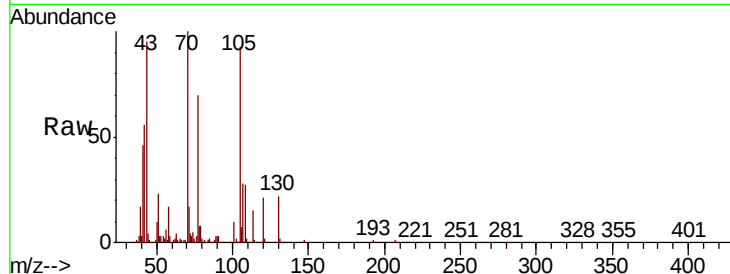
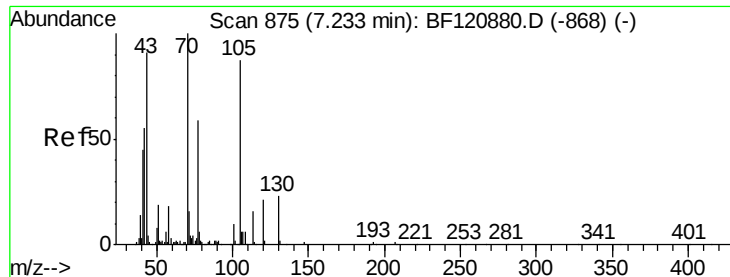
#18
Hexachloroethane
Concen: 41.581 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion:117 Resp: 247350
Ion Ratio Lower Upper
117 100
119 97.7 76.0 114.0
201 101.8 81.7 122.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

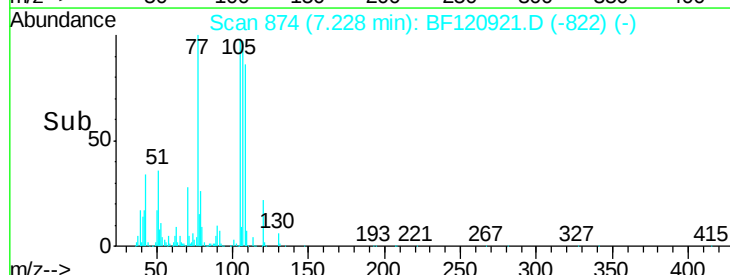
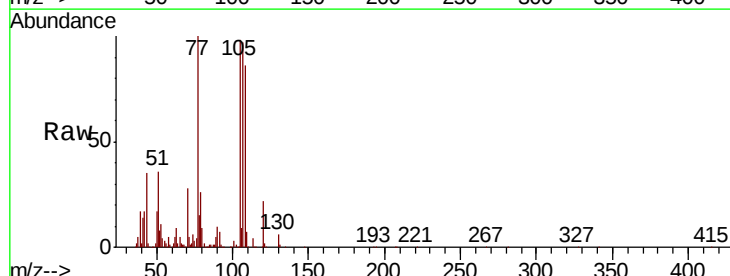
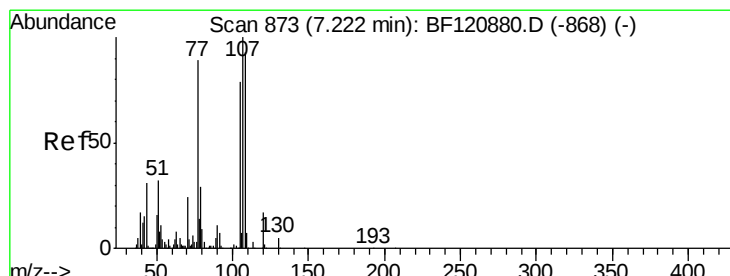
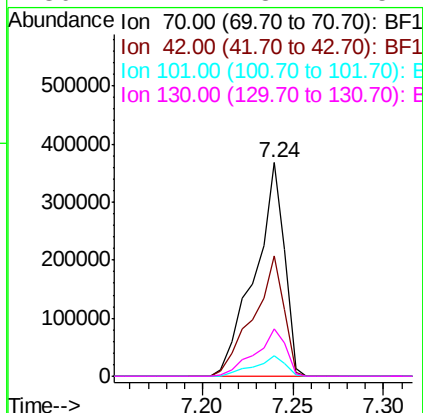




#19
n-Nitroso-di-n-propylamine
Concen: 41.342 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

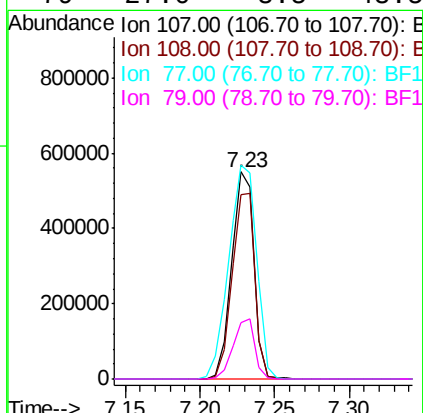
Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

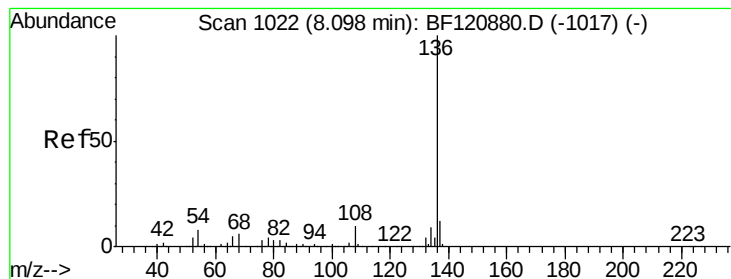
Tot Ion: 70 Resp: 420178
Ion Ratio Lower Upper
70 100
42 56.2 44.0 66.0
101 9.8 7.8 11.6
130 22.2 18.7 28.1



#20
3+4-Methylphenols
Concen: 33.776 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion: 107 Resp: 580476
Ion Ratio Lower Upper
107 100
108 89.1 72.8 112.8
77 103.2 68.7 108.7
79 27.0 8.5 48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampled :

TP-11-SMS

Tot Ion:136 Resp: 874004

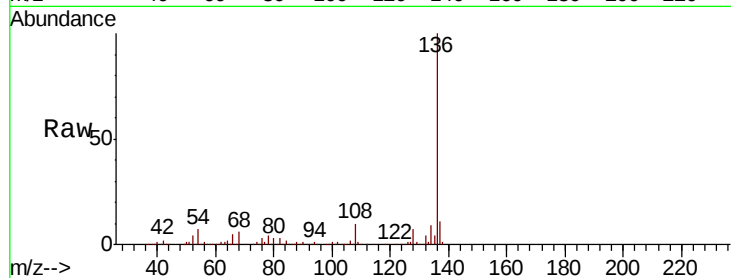
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.1 6.3 9.5

68 5.9 5.0 7.4

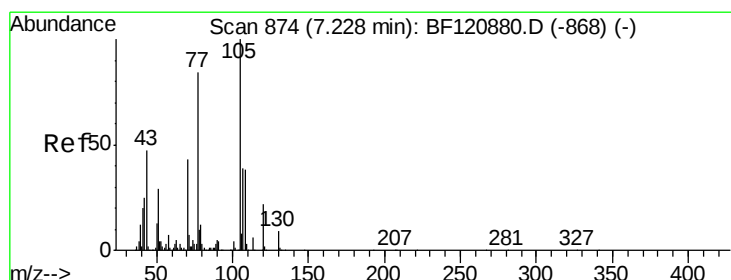
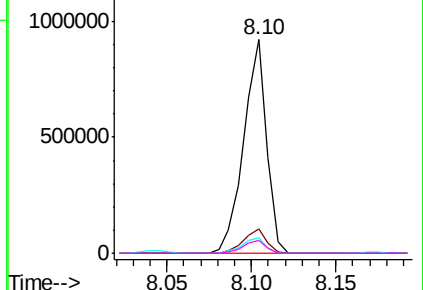
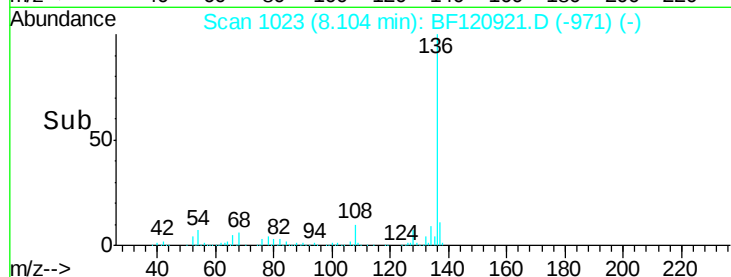


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.131 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Tgt Ion:105 Resp: 787179

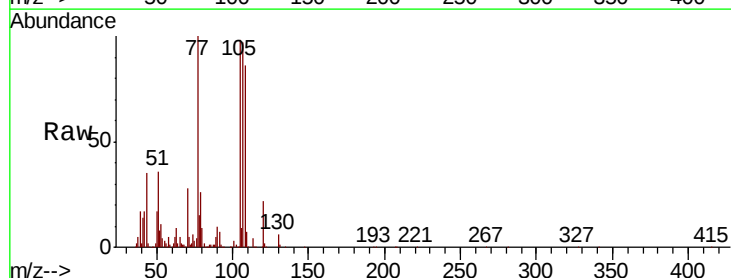
Ion Ratio Lower Upper

105 100

71 4.8 5.7 8.5#

51 36.5 22.9 34.3#

120 22.6 18.0 27.0

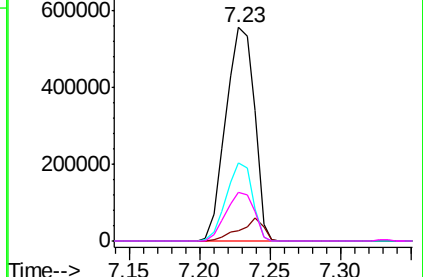
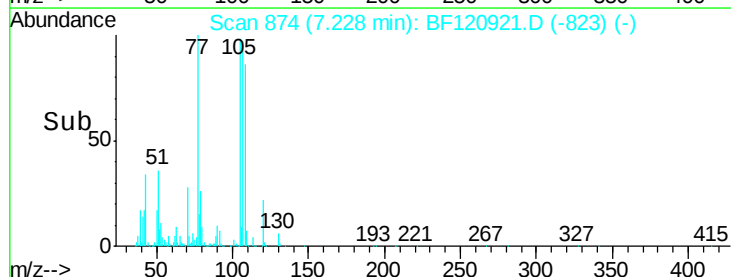


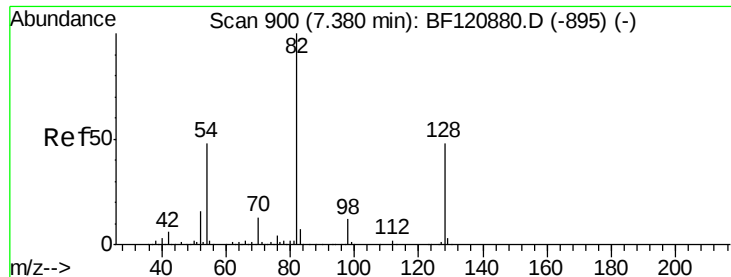
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

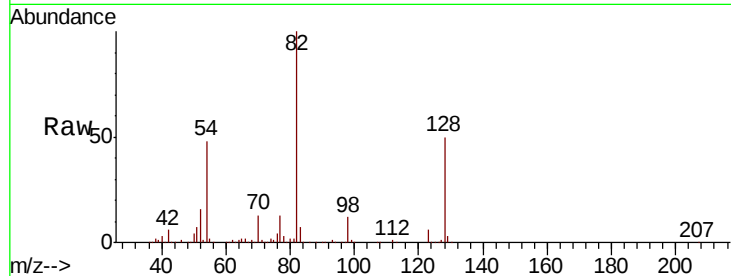




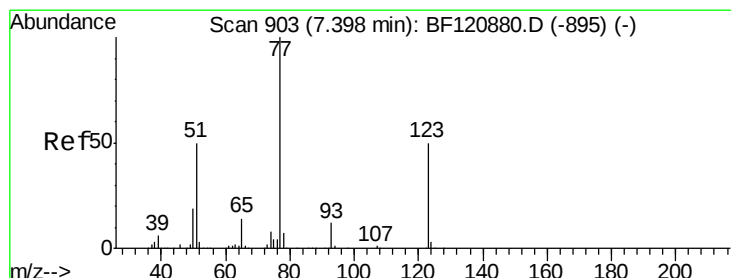
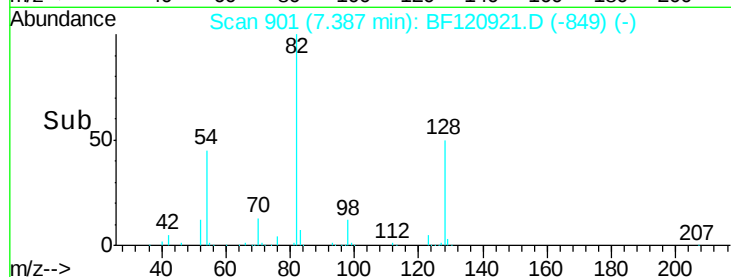
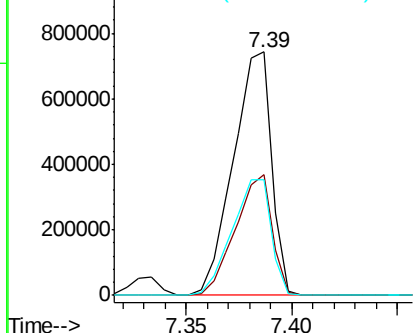
#23
Nitrobenzene-d5
Concen: 62.090 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

Tot Ion	82	Resp	937844
Ion Ratio	100	Lower	Upper
128	49.5	38.2	57.4
54	47.6	38.7	58.1

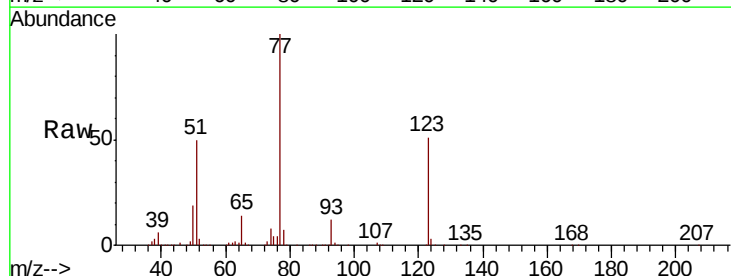


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

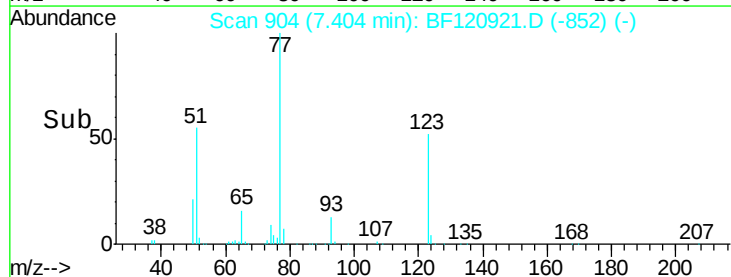
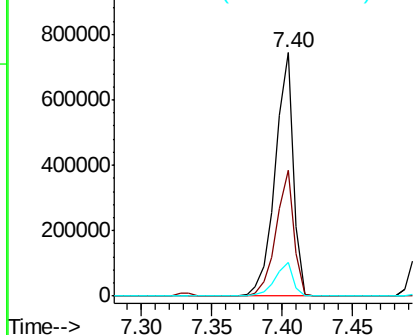


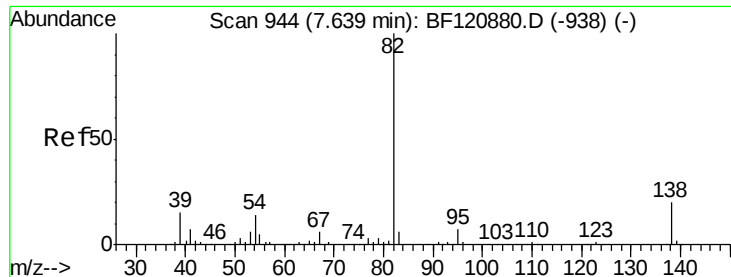
#24
Nitrobenzene
Concen: 41.268 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion	77	Resp	671836
Ion Ratio	100	Lower	Upper
123	51.5	40.1	60.1
65	13.6	10.8	16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.095 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

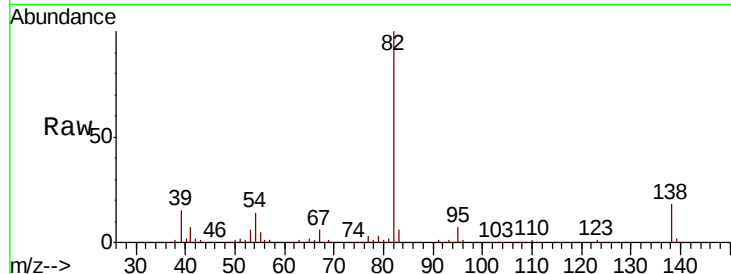
Tot Ion: 82 Resp: 1268982

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

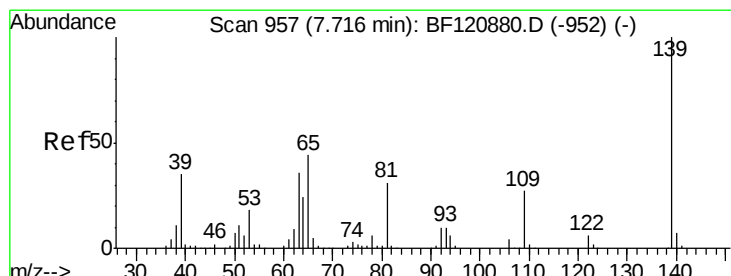
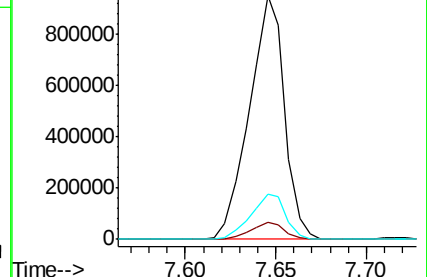
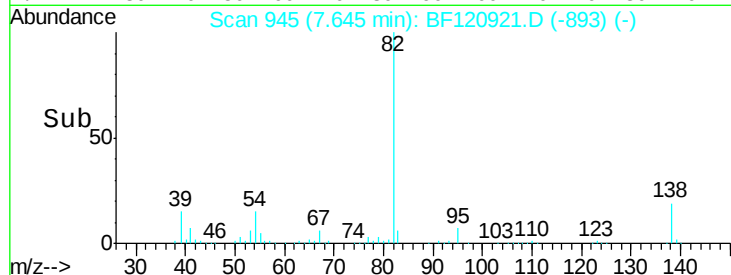
138 18.4 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.241 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

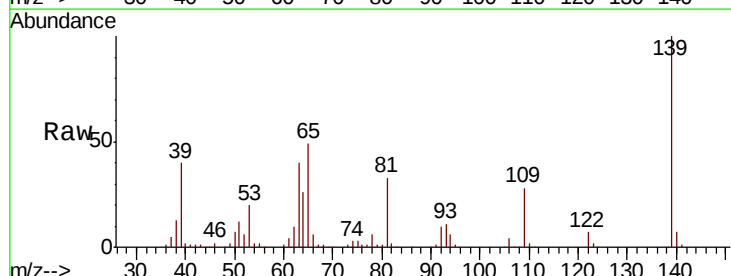
Tgt Ion: 139 Resp: 365264

Ion Ratio Lower Upper

139 100

109 27.6 21.6 32.4

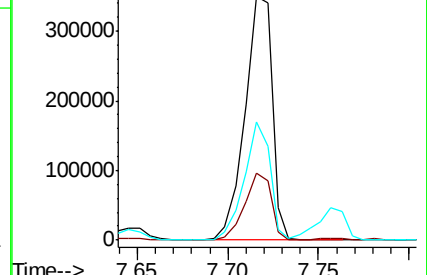
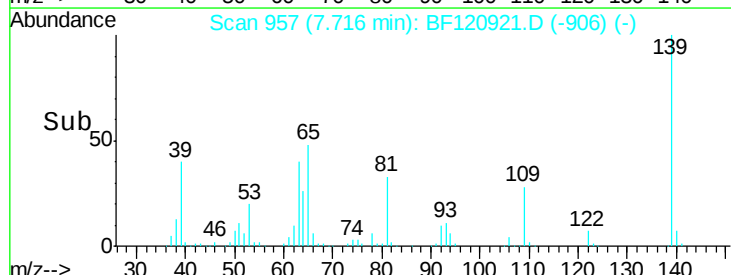
65 48.5 35.3 52.9

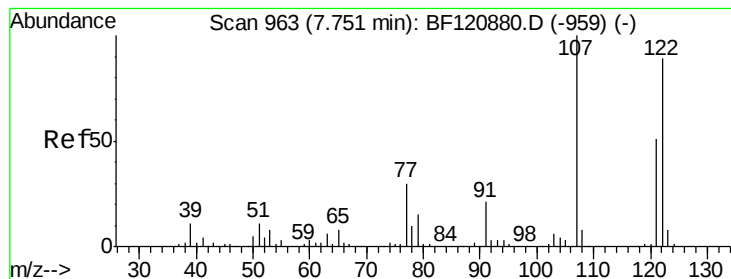


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 45.191 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

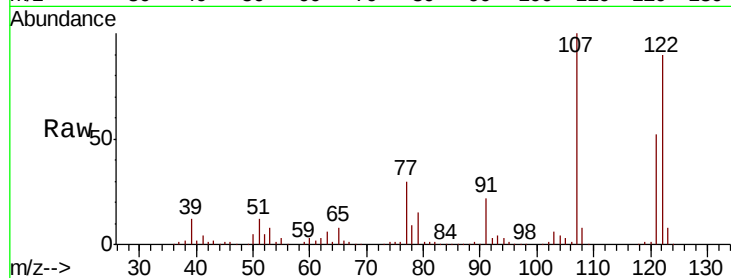
Tot Ion:122 Resp: 567309

Ion Ratio Lower Upper

122 100

107 110.8 89.4 134.0

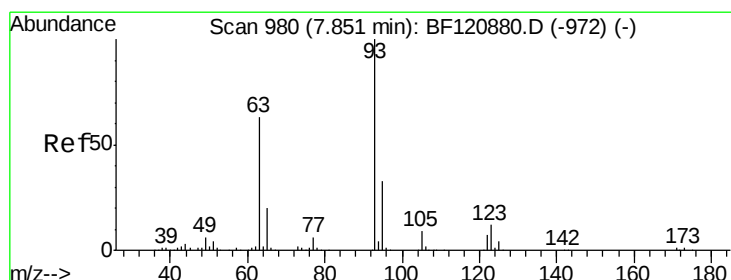
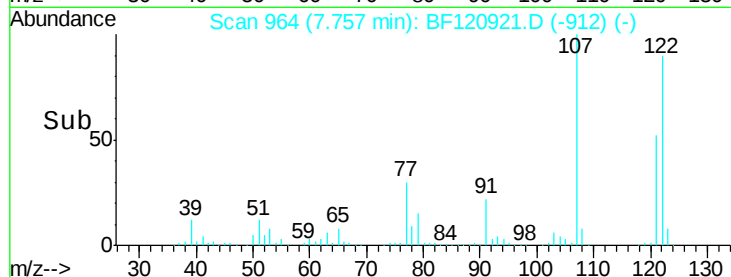
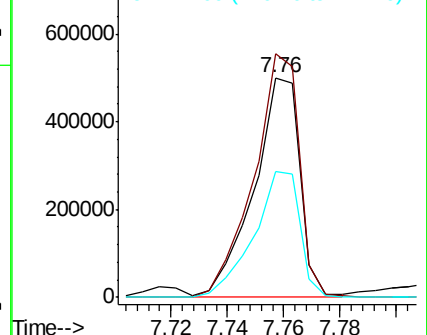
121 57.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.454 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

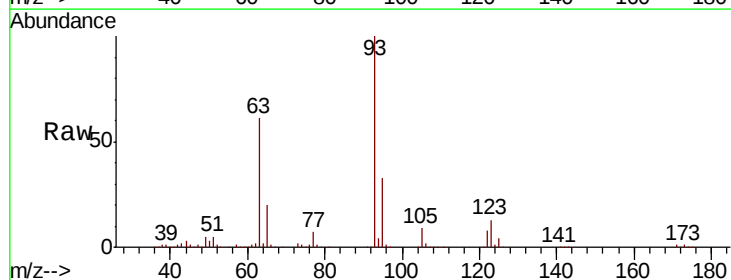
Tgt Ion: 93 Resp: 799618

Ion Ratio Lower Upper

93 100

95 33.1 26.6 39.8

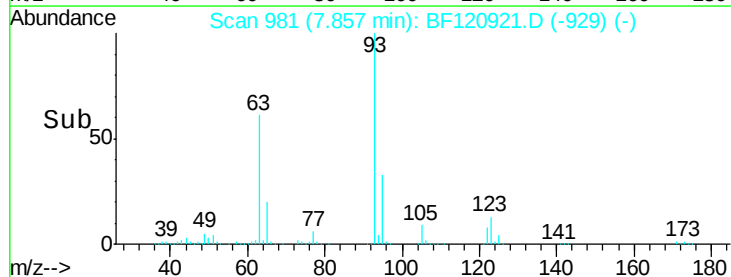
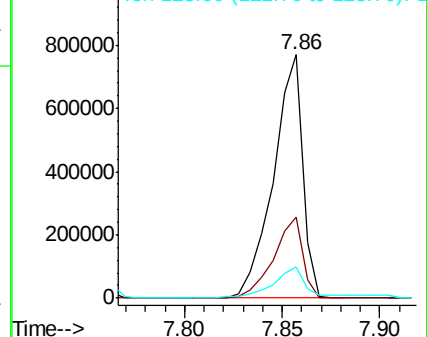
123 12.6 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

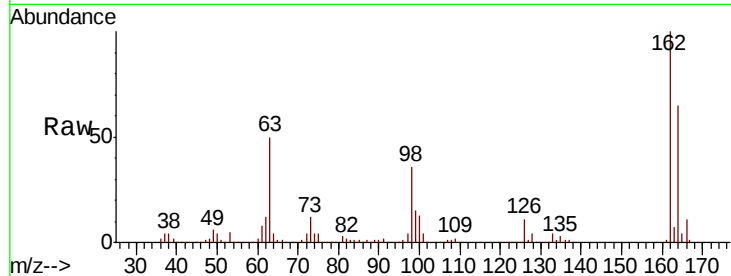




#29
 2,4-Dichlorophenol
 Concen: 43.135 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.3	85.3
98	36.3	13.3	53.3

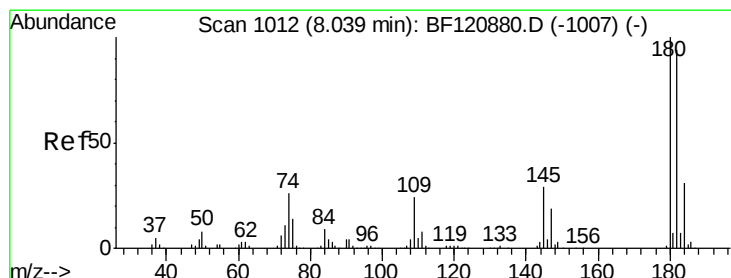
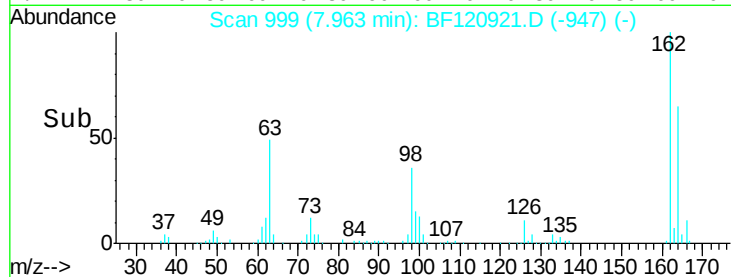
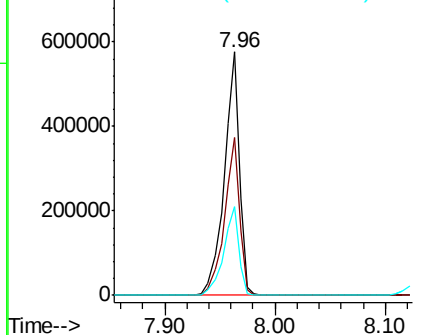


Abundance

Ion 162.00 (161.70 to 162.70): E

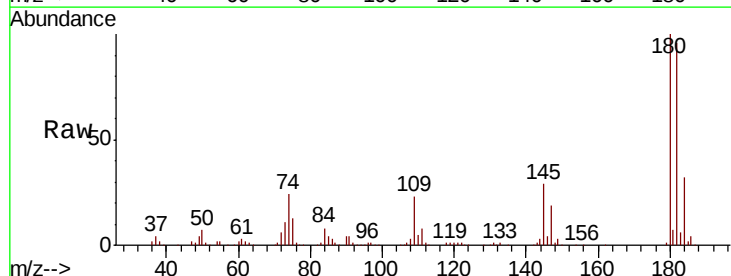
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.912 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.0	112.6
145	29.2	23.5	35.3

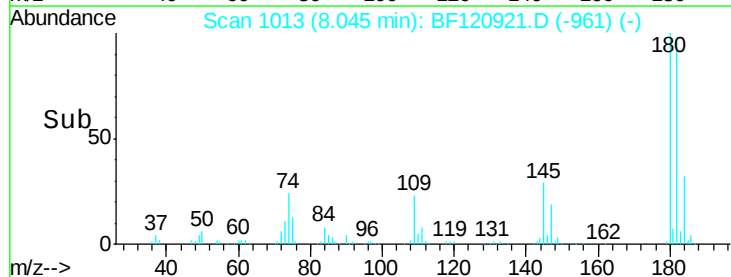
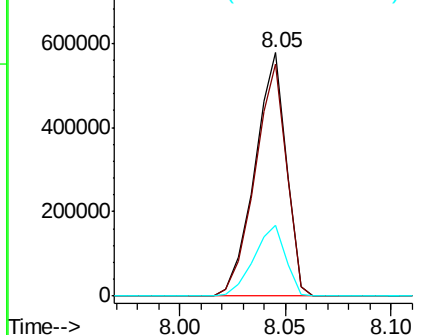


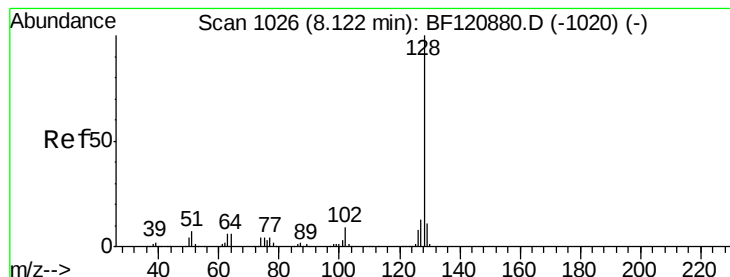
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.092 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

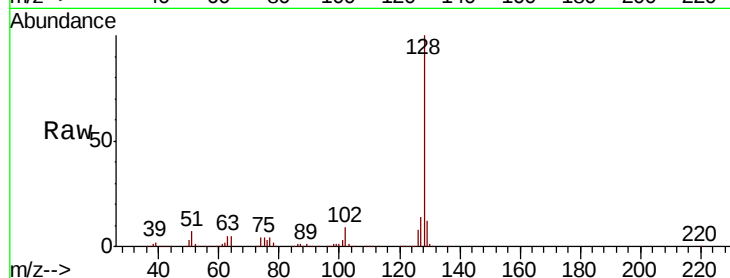
Tot Ion:128 Resp: 1797421

Ion Ratio Lower Upper

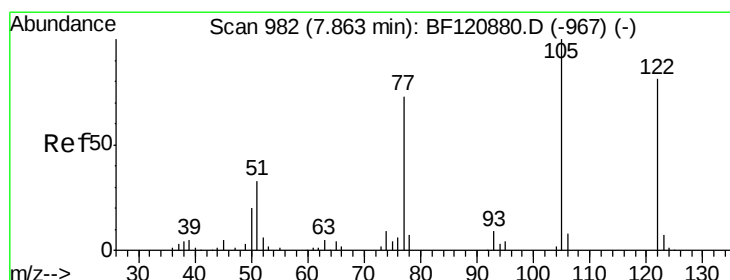
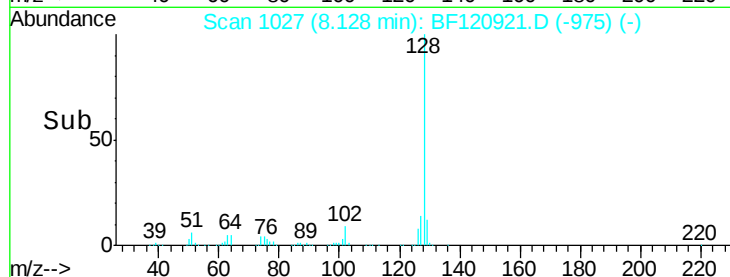
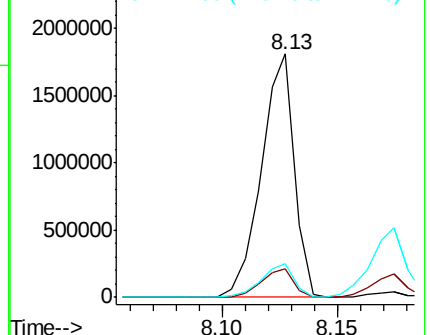
128 100

129 11.5 9.1 13.7

127 13.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.913 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.04 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

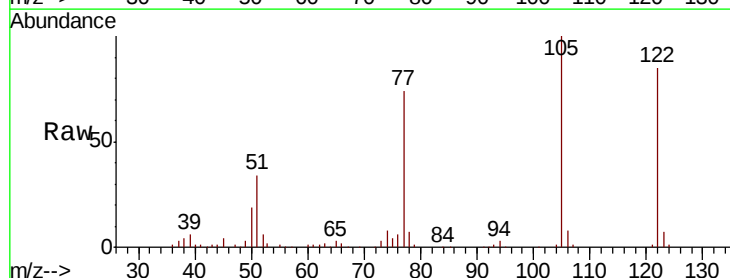
Tgt Ion:122 Resp: 489203

Ion Ratio Lower Upper

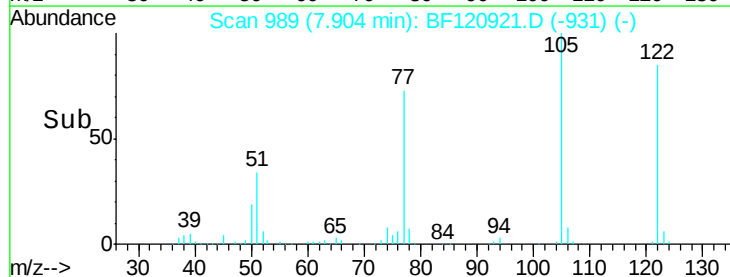
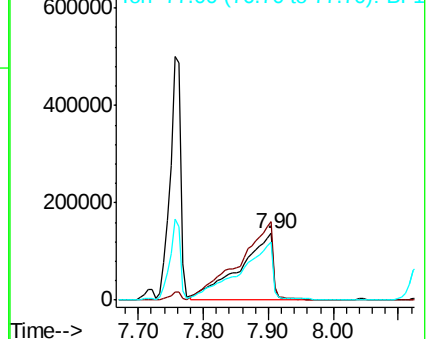
122 100

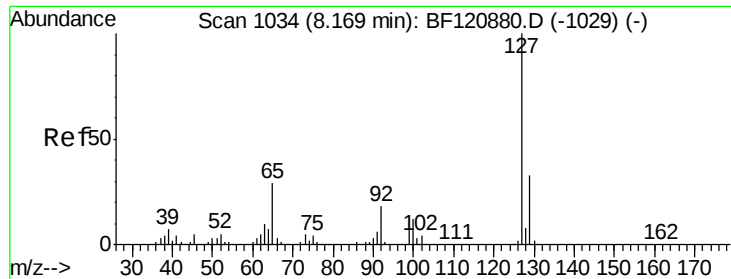
105 117.1 101.3 141.3

77 87.1 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

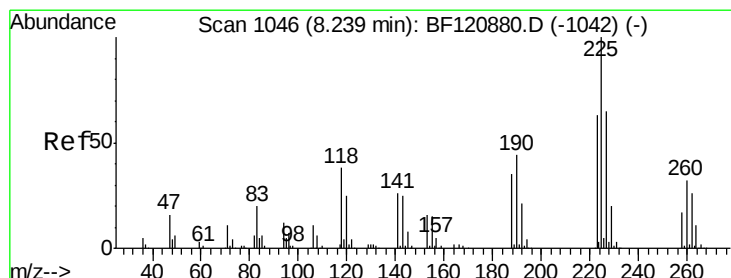
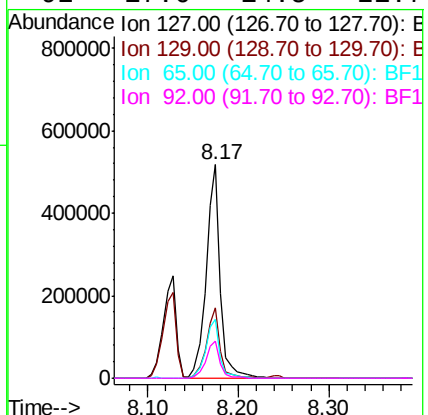
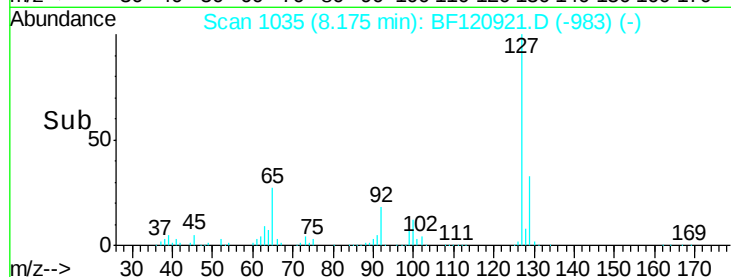
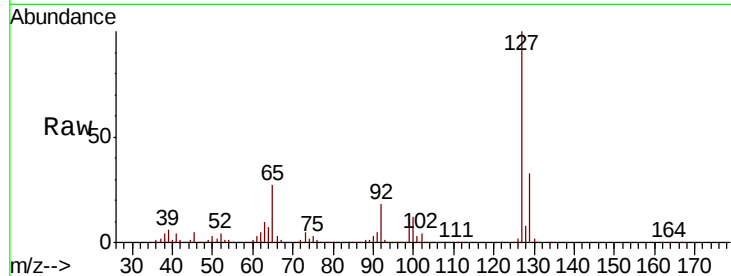




#33
4-Chloroaniline
Concen: 27.913 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

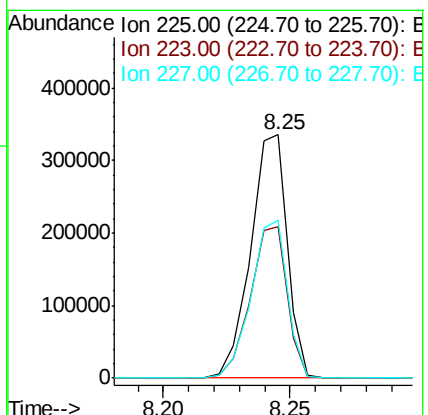
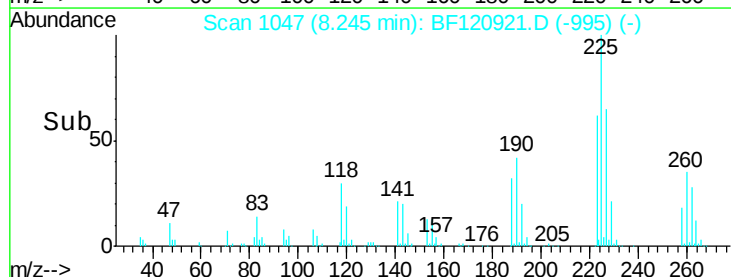
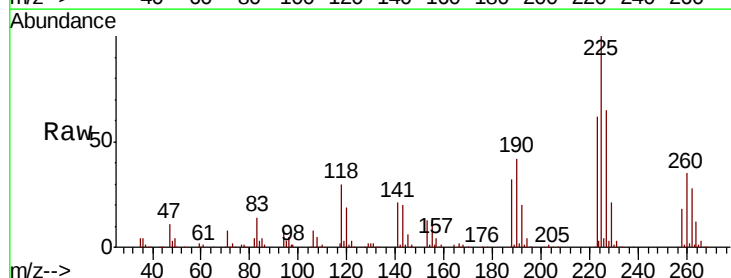
Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

Tot Ion:127	Resp:	558252
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.5 39.7
65	27.4	23.0 34.4
92	17.6	14.5 21.7



#34
Hexachlorobutadiene
Concen: 40.370 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion:225	Resp:	338696
Ion Ratio	Lower	Upper
225	100	
223	62.4	50.6 76.0
227	64.6	52.2 78.2

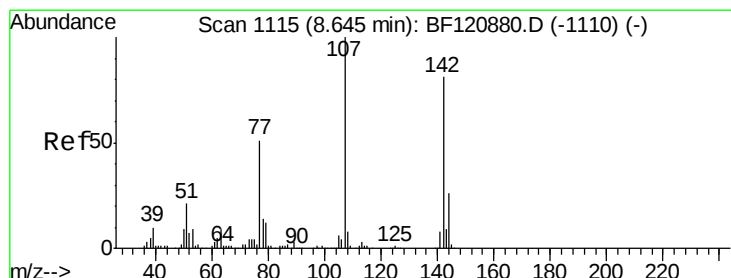
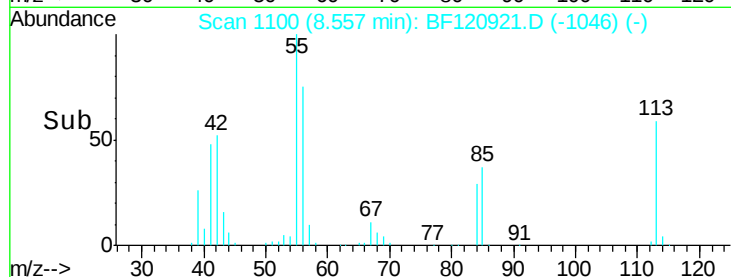
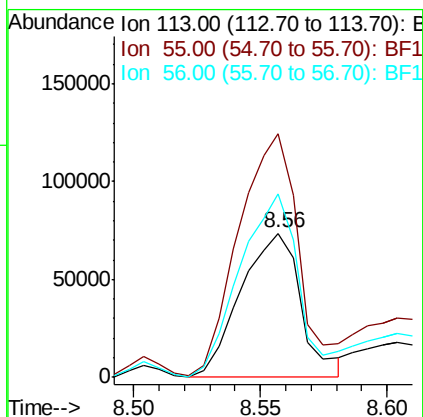
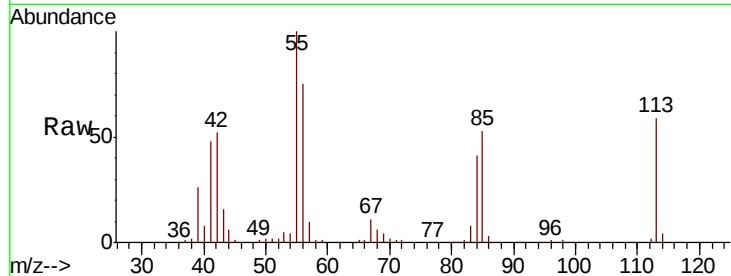




#35
 Caprolactam
 Concen: 29.368 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.02 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

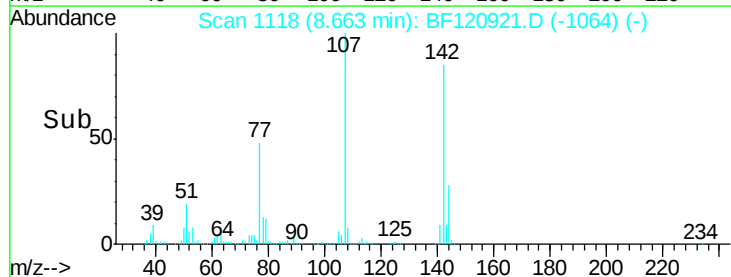
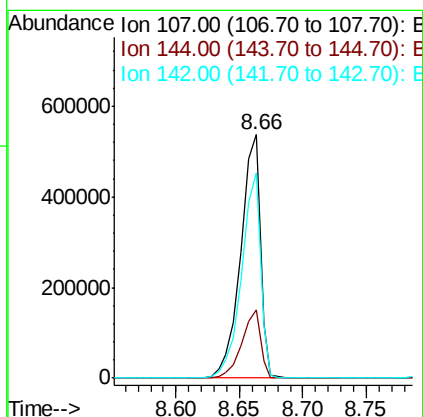
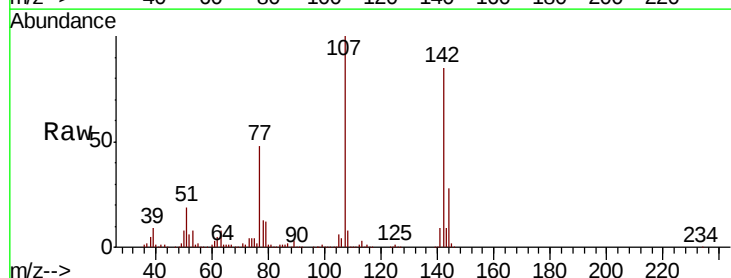
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

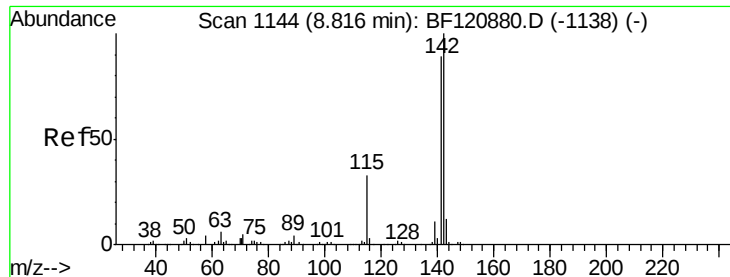
Tot Ion:113 Resp: 120809
 Ion Ratio Lower Upper
 113 100
 55 168.7 143.3 183.3
 56 126.8 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.705 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.02 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion:107 Resp: 574985
 Ion Ratio Lower Upper
 107 100
 144 28.0 21.0 31.6
 142 84.5 65.0 97.6

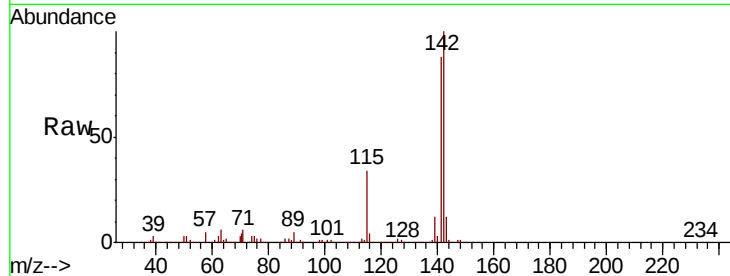




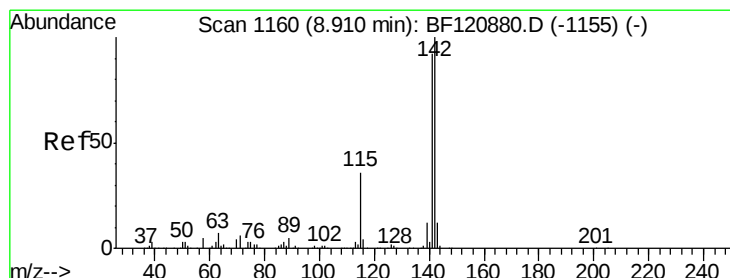
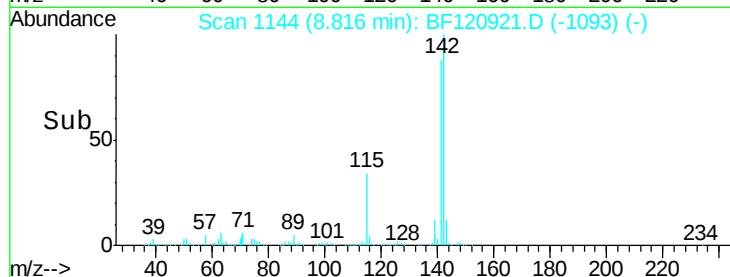
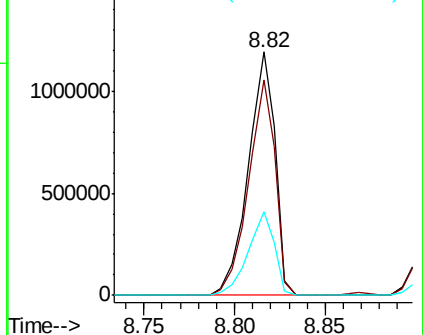
#37
 2-Methylnaphthalene
 Concen: 42.105 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

Tot Ion:142 Resp: 1225671
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.0 106.4
 115 34.4 26.0 39.0

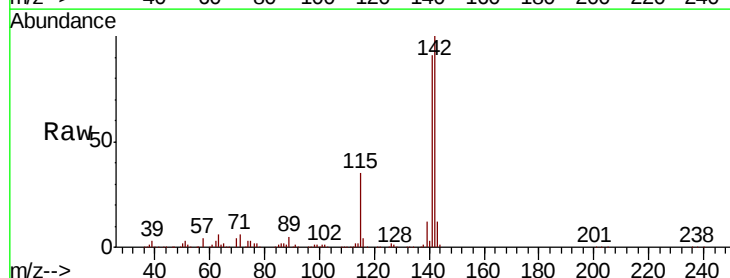


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

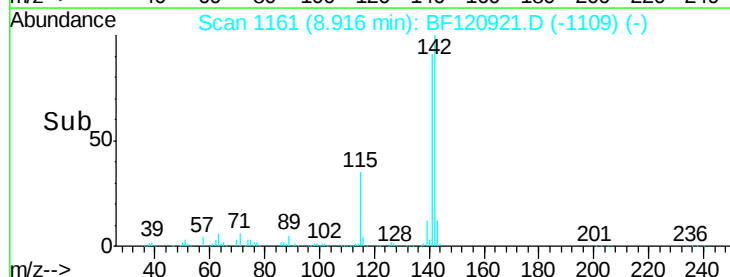
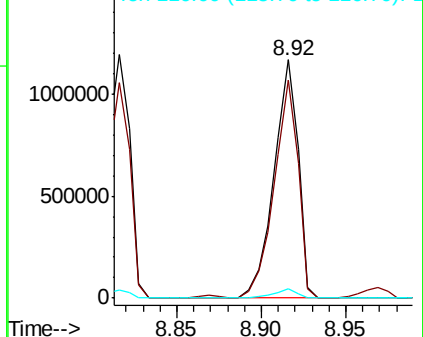


#38
 1-Methylnaphthalene
 Concen: 41.889 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion:142 Resp: 1154873
 Ion Ratio Lower Upper
 142 100
 141 91.5 73.7 110.5
 116 3.8 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

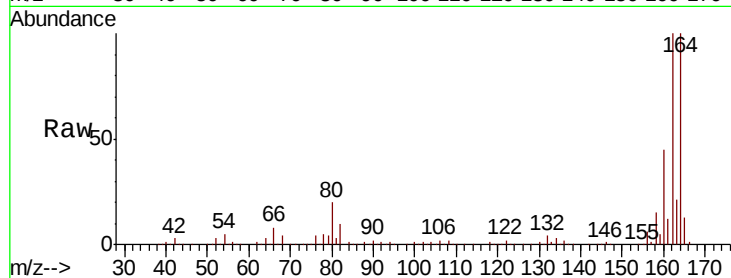
Tot Ion:164 Resp: 449032

Ion Ratio Lower Upper

164 100

162 100.2 81.2 121.8

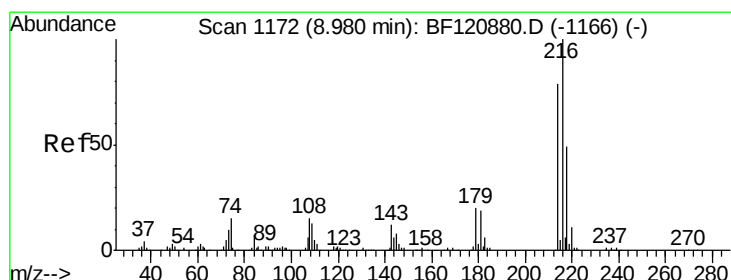
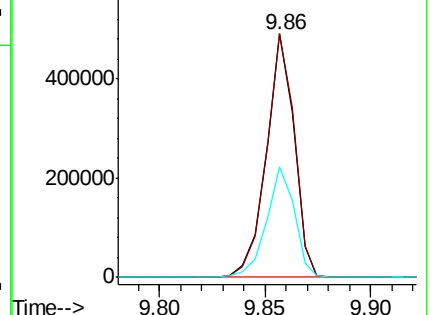
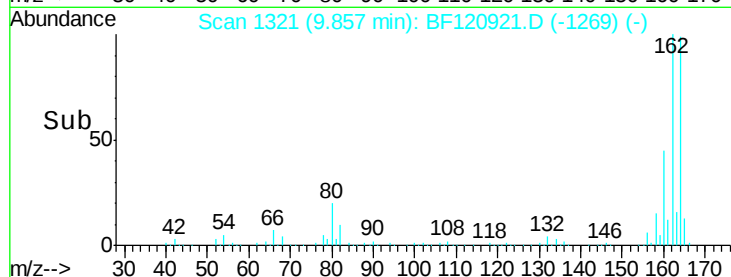
160 45.5 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.386 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Tgt Ion:216 Resp: 541450

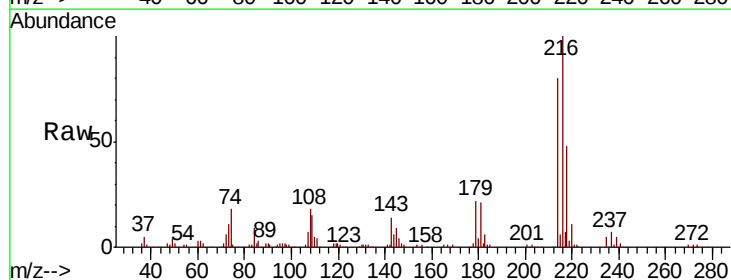
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 20.5 16.6 24.8

108 19.3 15.4 23.0

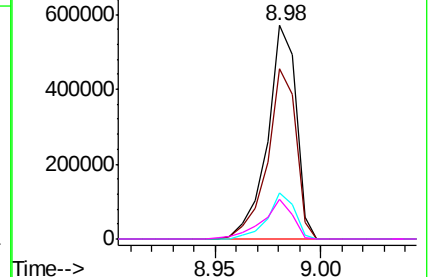
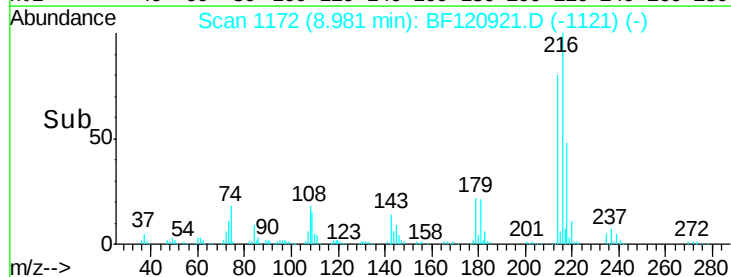


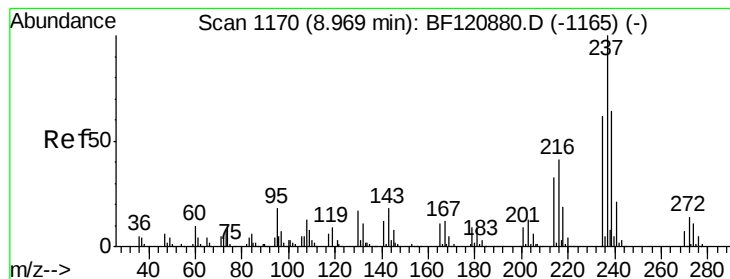
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 58.783 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

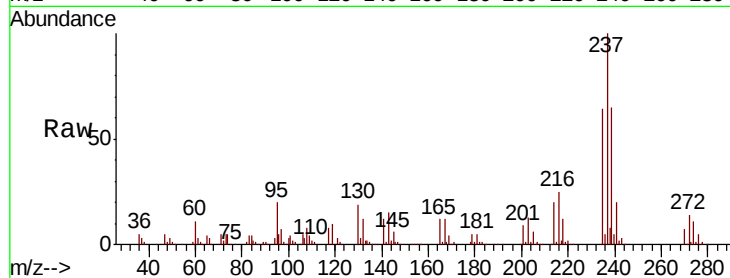
Tot Ion:237 Resp: 425037

Ion Ratio Lower Upper

237 100

235 63.9 41.6 81.6

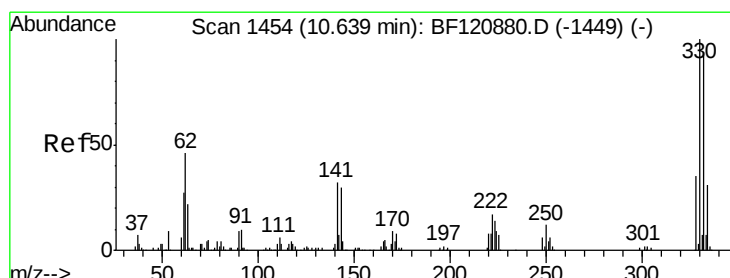
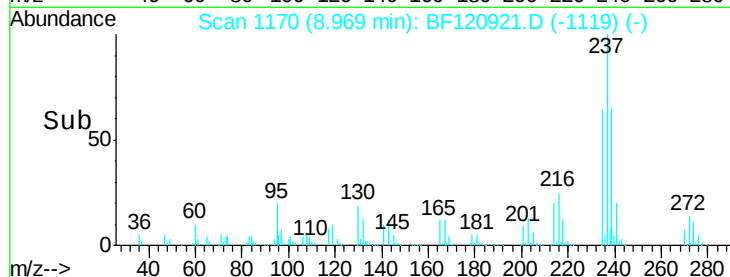
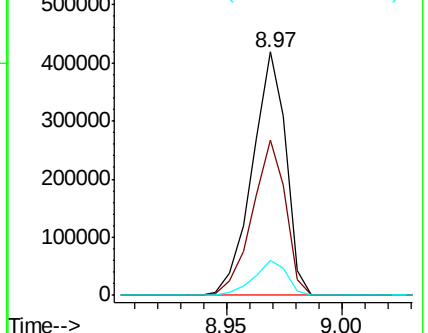
272 14.1 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.198 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

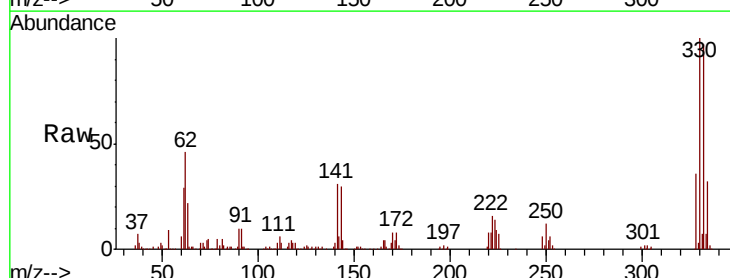
Tgt Ion:330 Resp: 418758

Ion Ratio Lower Upper

330 100

332 96.6 75.5 113.3

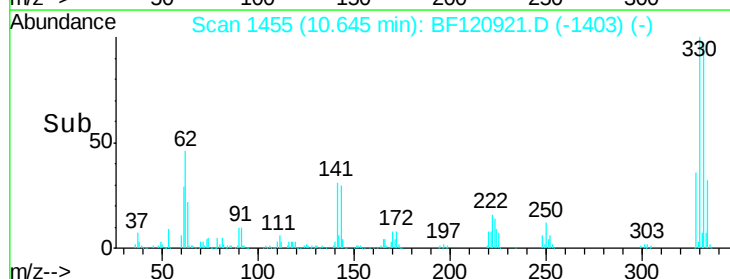
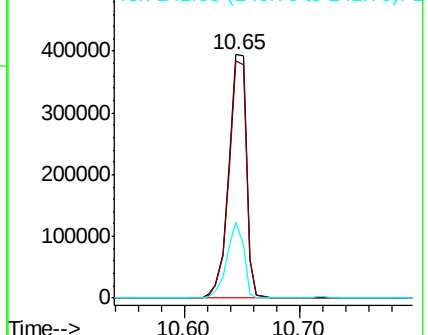
141 29.9 25.7 38.5

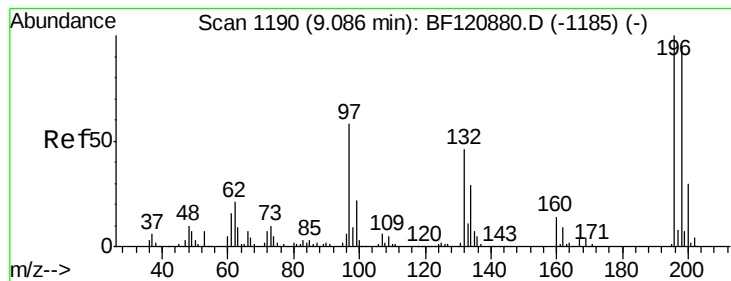


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 44.197 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampled :

TP-11-SMS

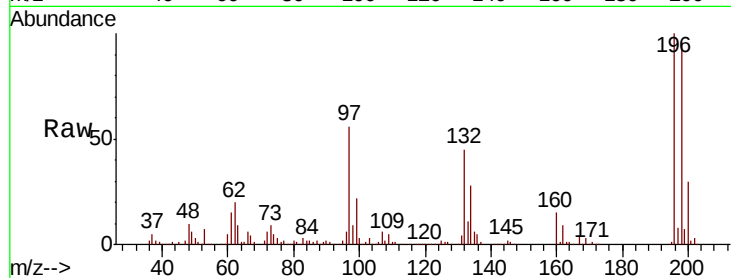
Tot Ion:196 Resp: 407125

Ion Ratio Lower Upper

196 100

198 96.0 75.7 113.5

200 30.5 24.4 36.6

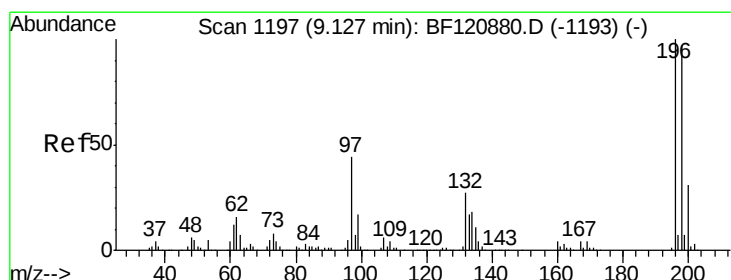
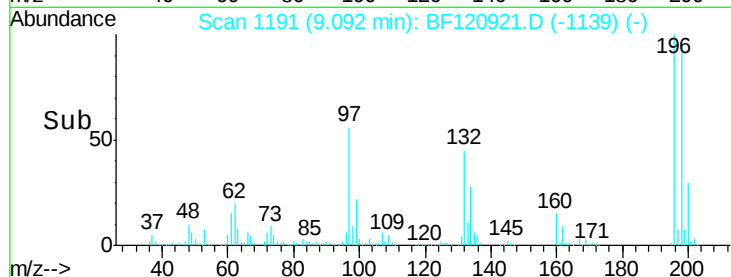
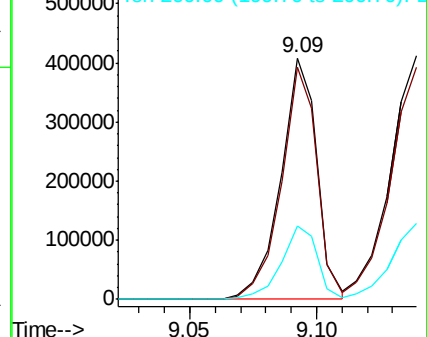


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 41.737 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Tgt Ion:196 Resp: 436103

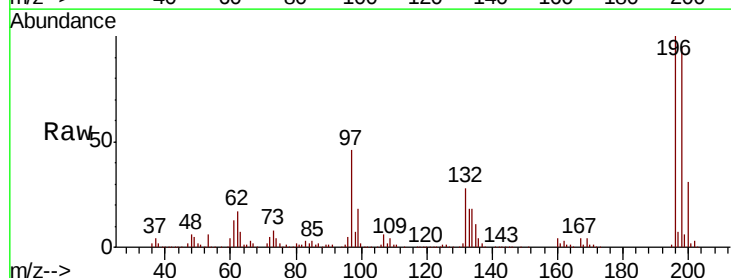
Ion Ratio Lower Upper

196 100

198 95.4 77.6 116.4

97 46.0 35.6 53.4

132 27.7 21.5 32.3



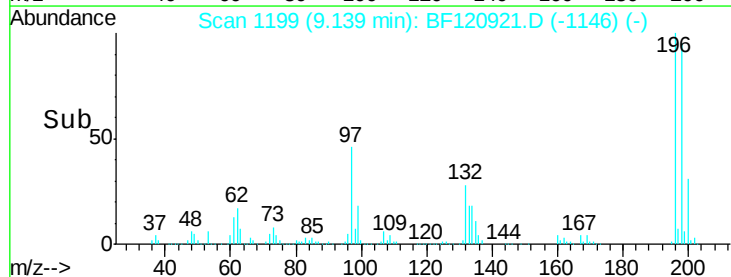
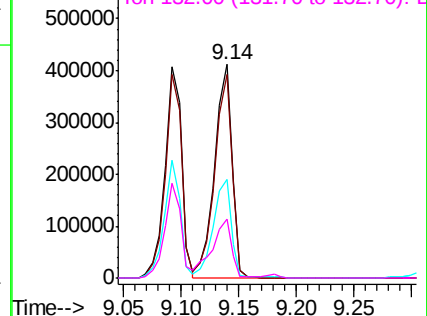
Abundance

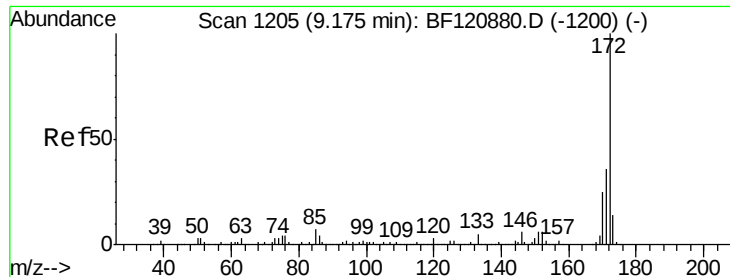
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



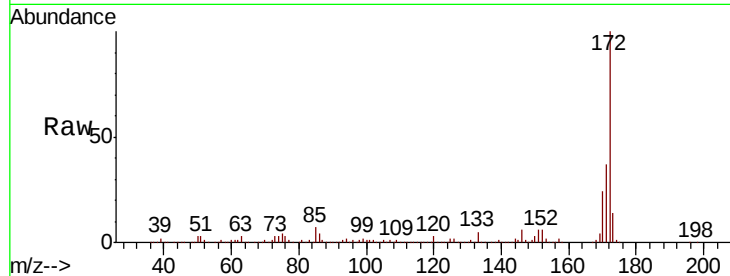


#45
 2-Fluorobiphenyl
 Concen: 56.050 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

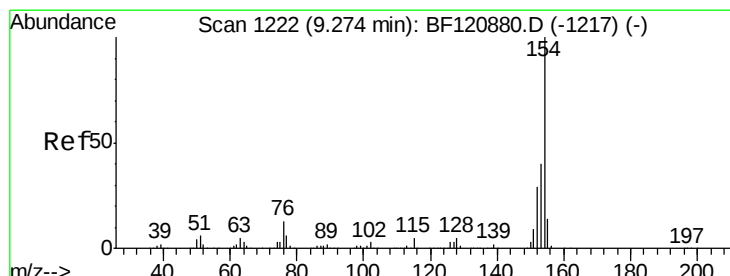
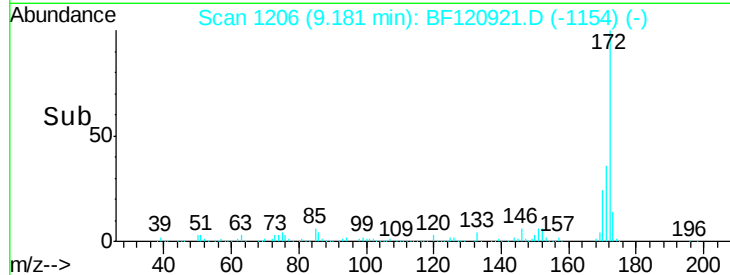
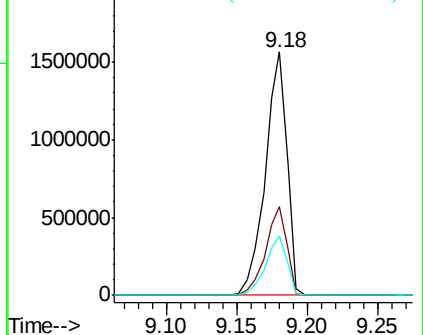
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

Tot Ion:172 Resp: 1685697

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	24.4	19.6	29.4



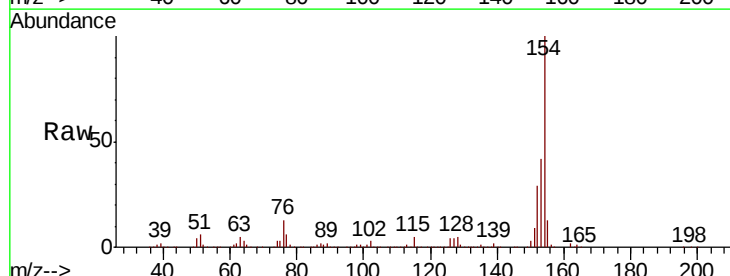
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



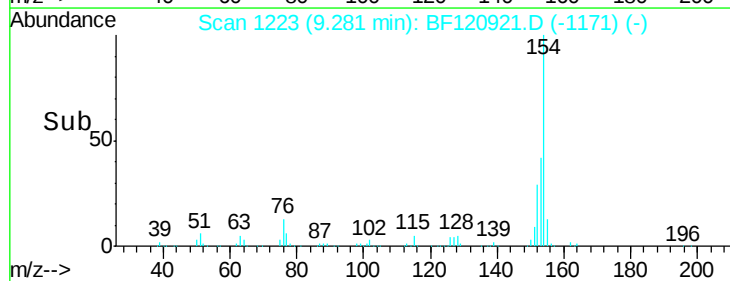
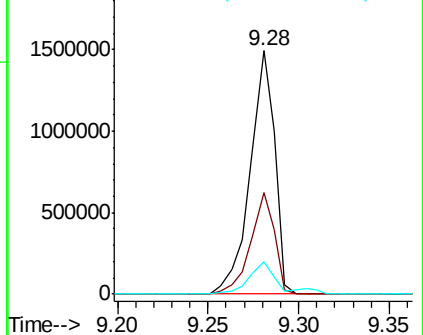
#46
 1,1'-Biphenyl
 Concen: 41.064 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion:154 Resp: 1406522

Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.4	60.4
76	13.1	0.0	33.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

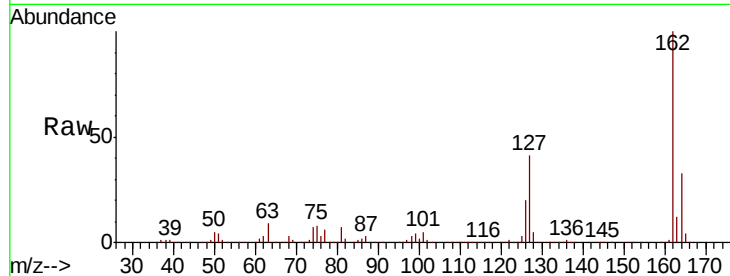




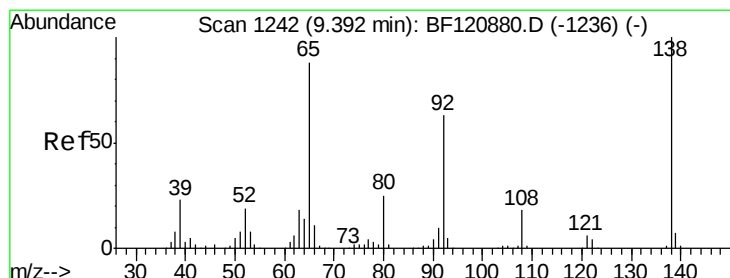
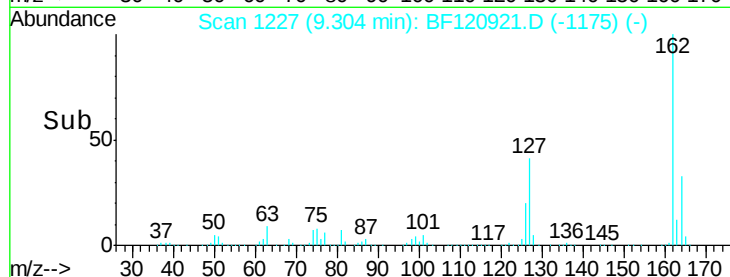
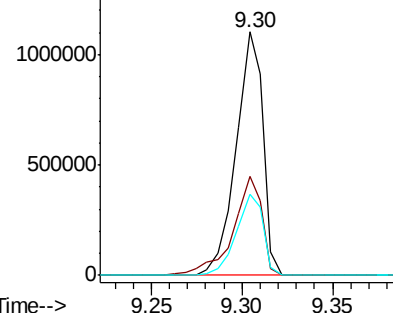
#47
 2-Chloronaphthalene
 Concen: 40.598 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

Tot Ion:162 Resp: 1133739
 Ion Ratio Lower Upper
 162 100
 127 40.7 33.3 49.9
 164 33.2 26.6 39.8

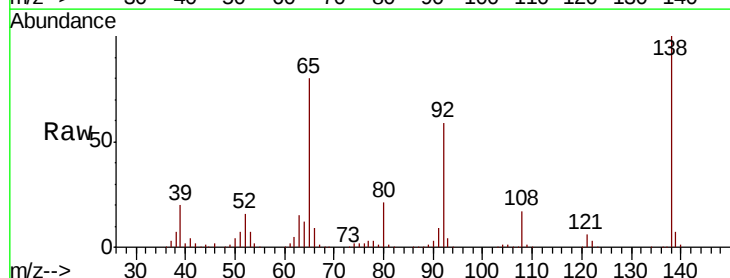


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

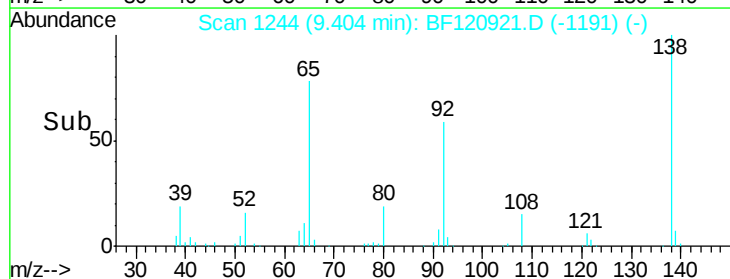
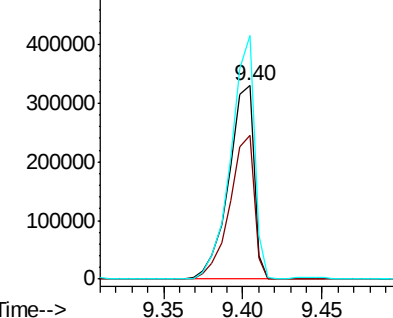


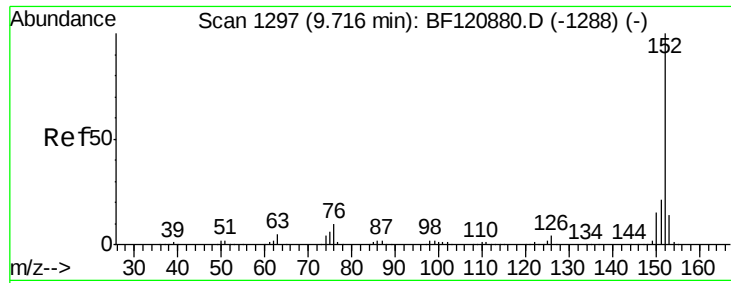
#48
 2-Nitroaniline
 Concen: 43.060 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion: 65 Resp: 363398
 Ion Ratio Lower Upper
 65 100
 92 74.2 57.0 85.4
 138 125.8 90.4 135.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.455 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

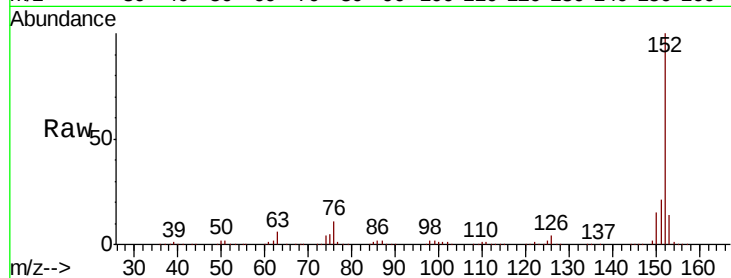
Tot Ion:152 Resp: 1755070

Ion Ratio Lower Upper

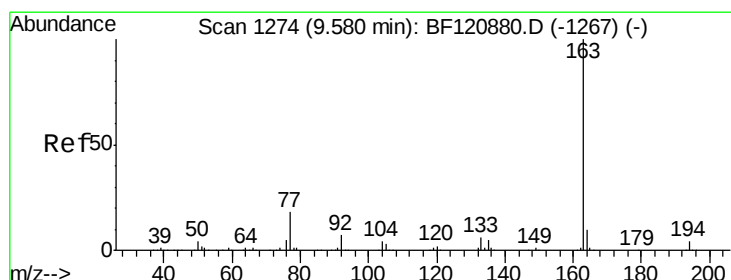
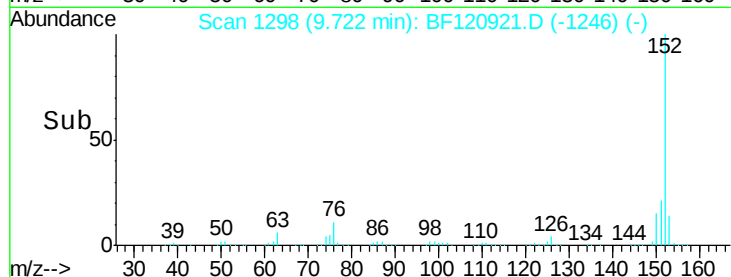
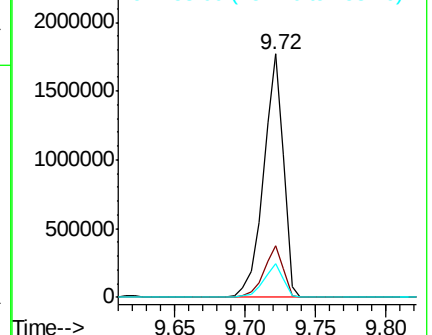
152 100

151 21.0 16.6 25.0

153 13.9 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.913 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

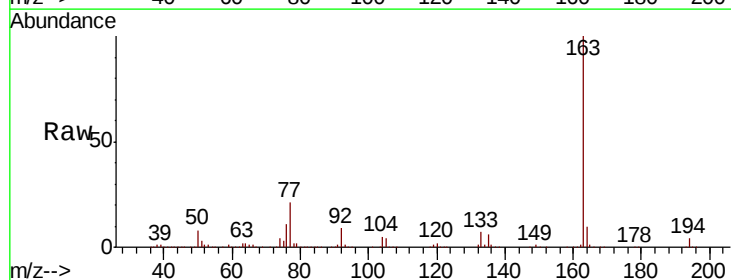
Tgt Ion:163 Resp: 1616936

Ion Ratio Lower Upper

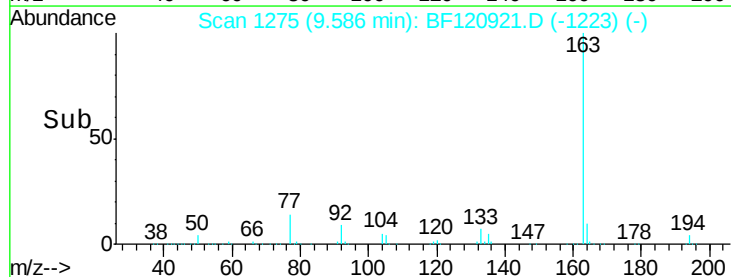
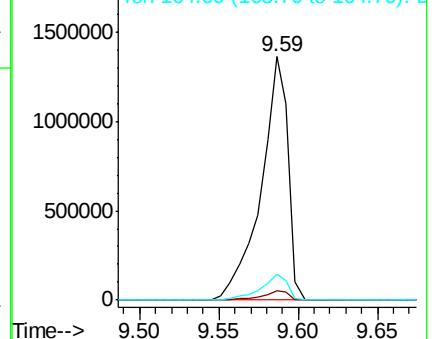
163 100

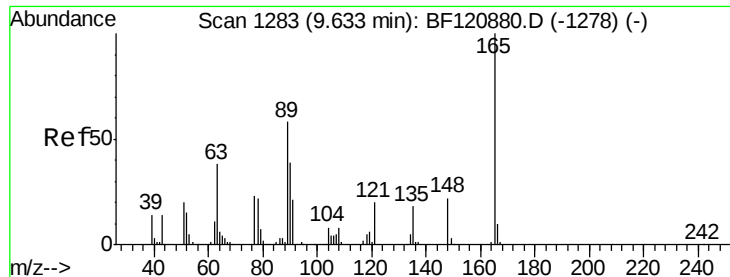
194 3.9 3.2 4.8

164 10.5 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.549 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

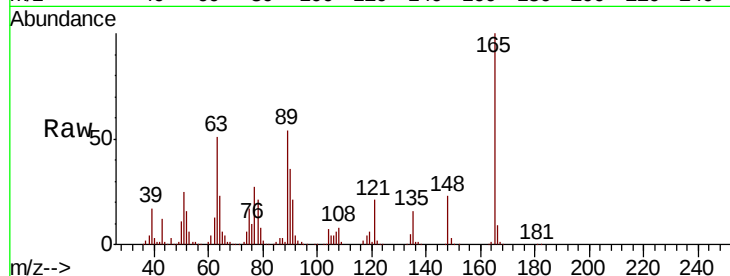
Tot Ion:165 Resp: 310047

Ion Ratio Lower Upper

165 100

63 51.3 45.4 68.2

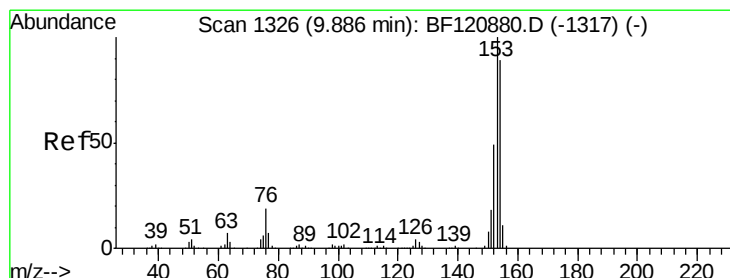
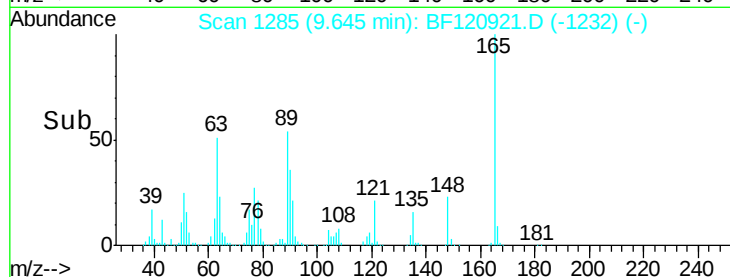
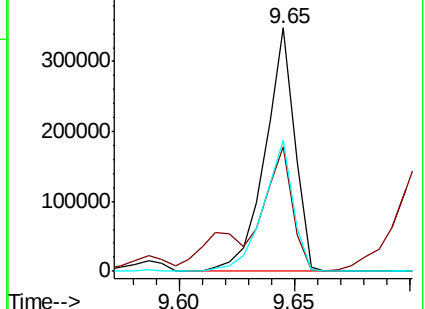
89 53.5 47.0 70.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 39.080 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

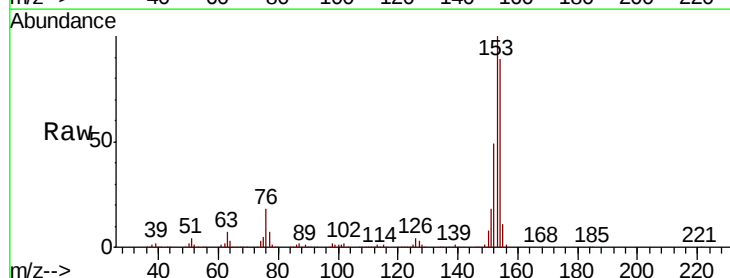
Tgt Ion:154 Resp: 1077915

Ion Ratio Lower Upper

154 100

153 112.6 89.5 134.3

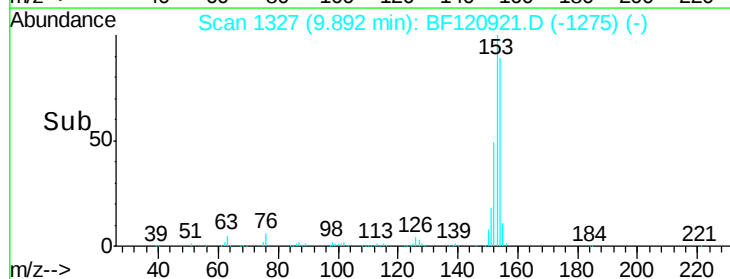
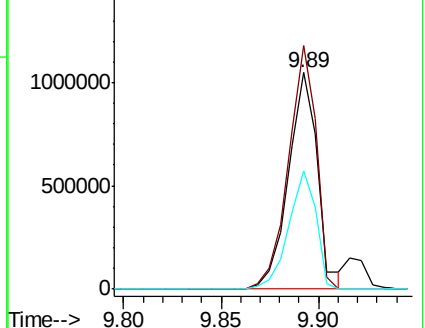
152 54.9 44.2 66.2

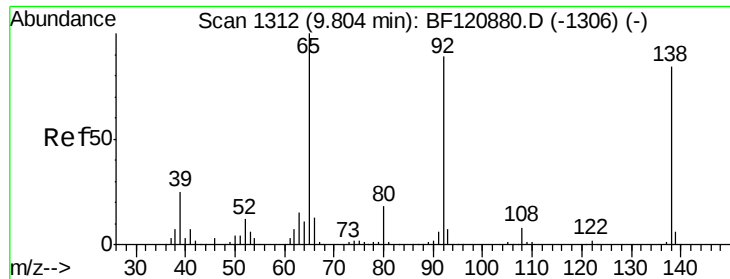


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

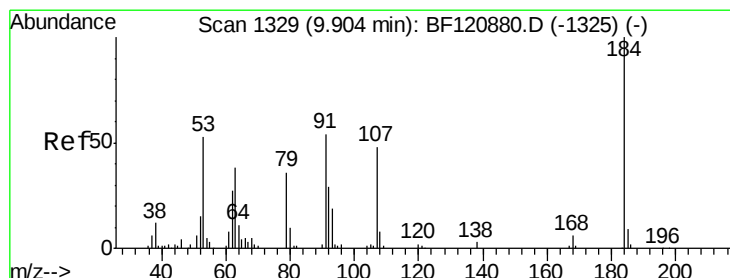
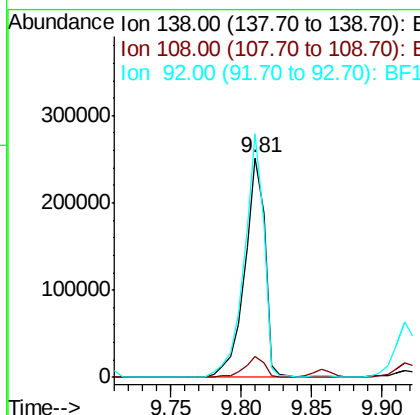
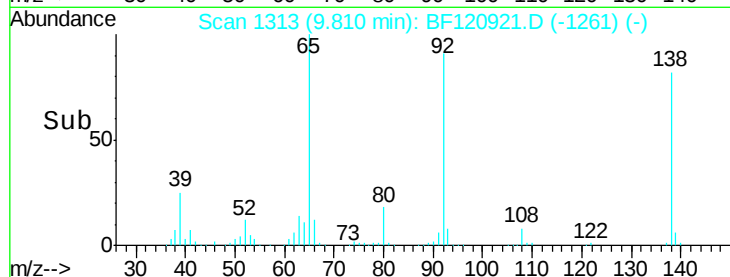
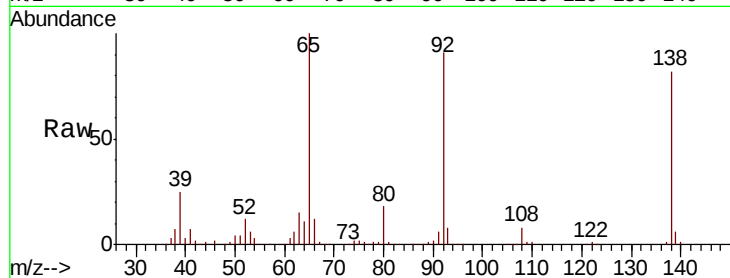




#53
3-Nitroaniline
Concen: 28.691 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

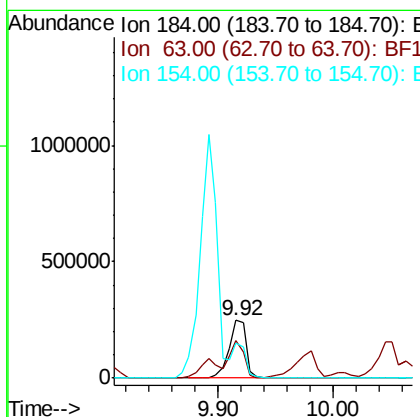
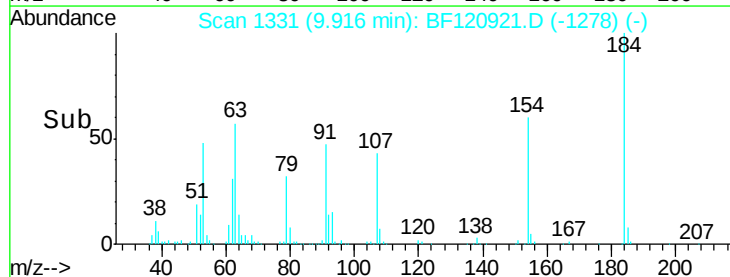
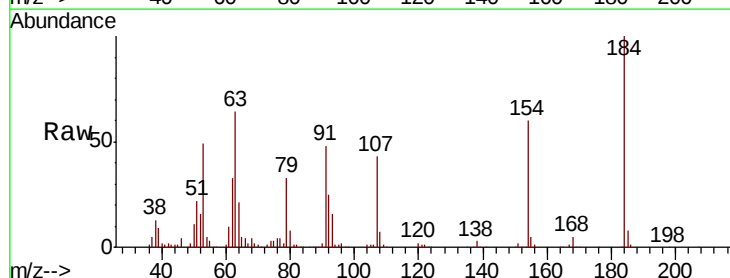
Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

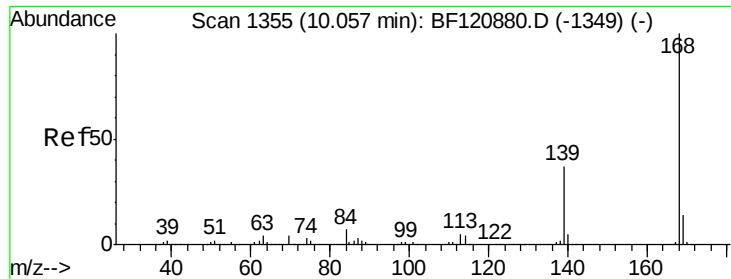
Tot Ion:138 Resp: 250438
Ion Ratio Lower Upper
138 100
108 9.8 7.9 11.9
92 111.0 85.3 127.9



#54
2,4-Dinitrophenol
Concen: 66.043 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion:184 Resp: 259348
Ion Ratio Lower Upper
184 100
63 64.3 57.9 86.9
154 59.9 52.6 78.8

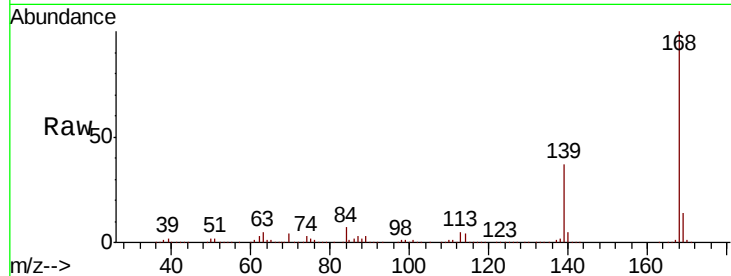




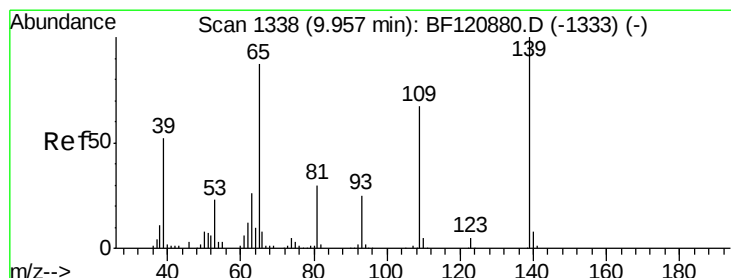
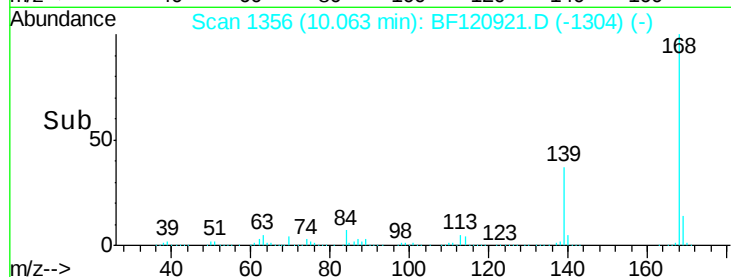
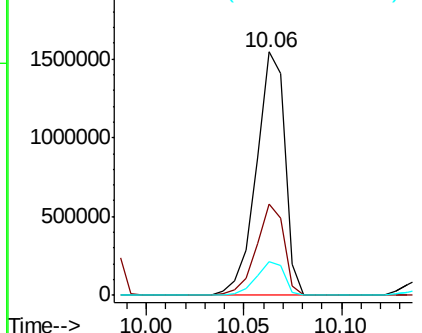
#55
Dibenzenofuran
Concen: 39.302 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

Tot Ion:168 Resp: 1567624
Ion Ratio Lower Upper
168 100
139 37.4 29.7 44.5
169 14.0 11.1 16.7

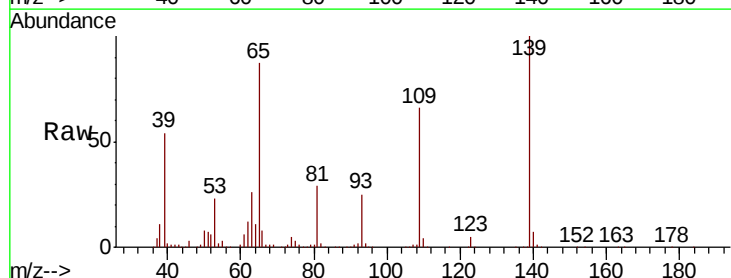


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

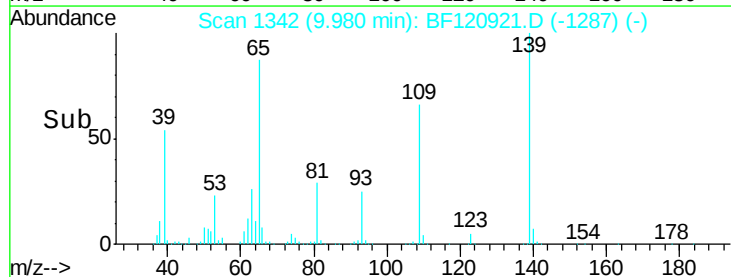
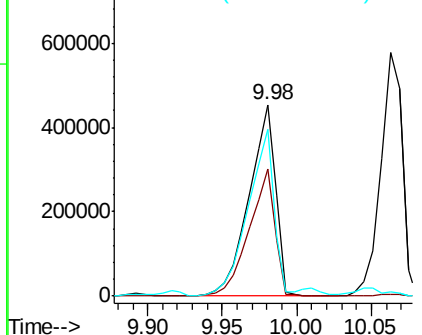


#56
4-Nitrophenol
Concen: 84.128 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion:139 Resp: 557816
Ion Ratio Lower Upper
139 100
109 66.4 47.3 87.3
65 87.3 67.2 107.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

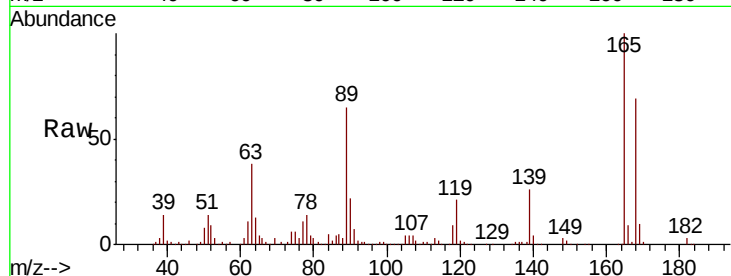




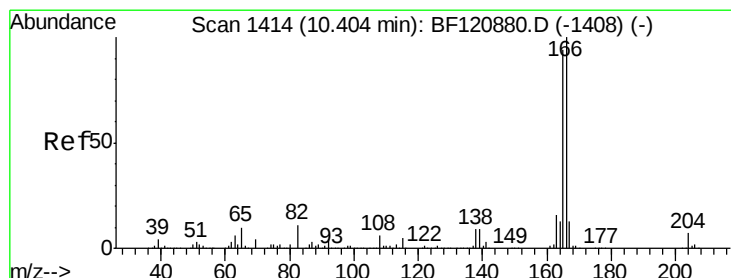
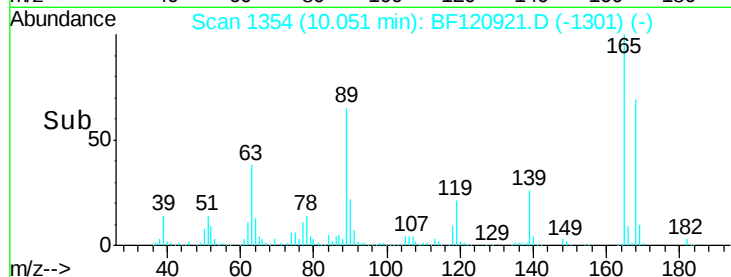
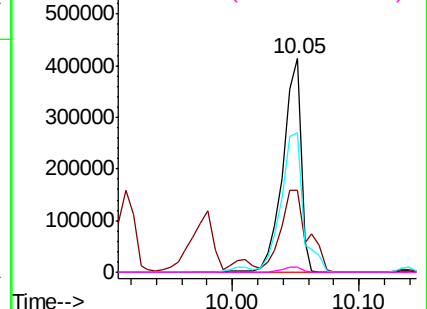
#57
2,4-Dinitrotoluene
Concen: 44.775 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

Tot Ion:165 Resp: 409223
Ion Ratio Lower Upper
165 100
63 38.3 29.4 44.2
89 65.3 53.4 80.0
182 2.5 1.8 2.6

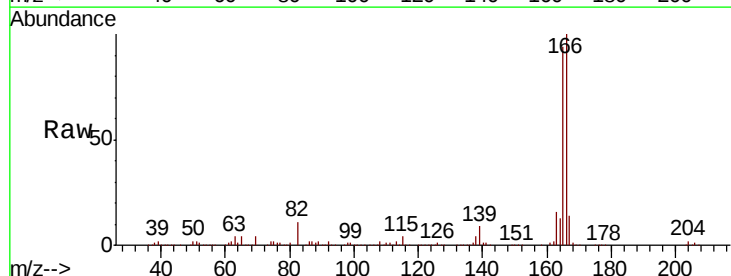


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

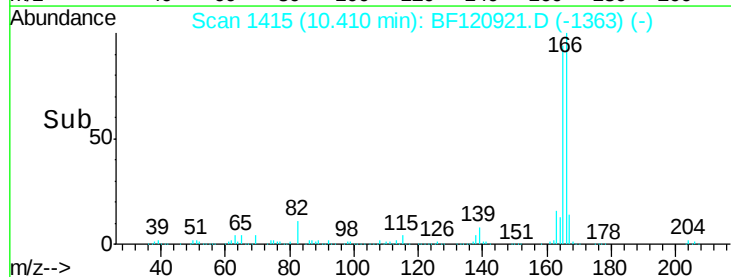
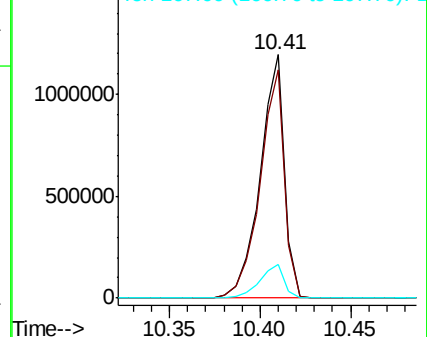


#58
Fluorene
Concen: 37.272 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion:166 Resp: 1108770
Ion Ratio Lower Upper
166 100
165 93.8 75.4 113.0
167 13.6 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

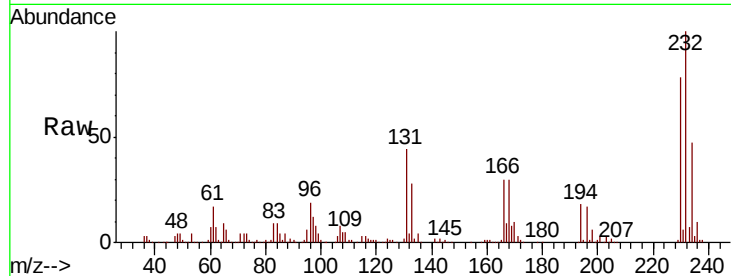




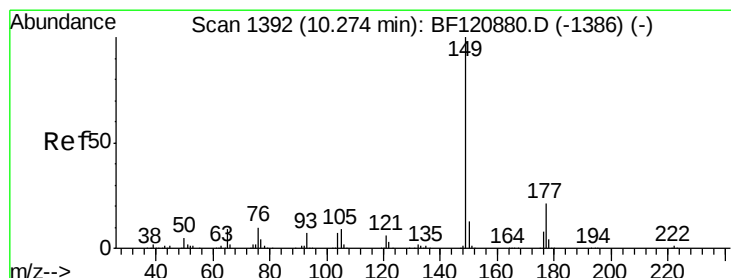
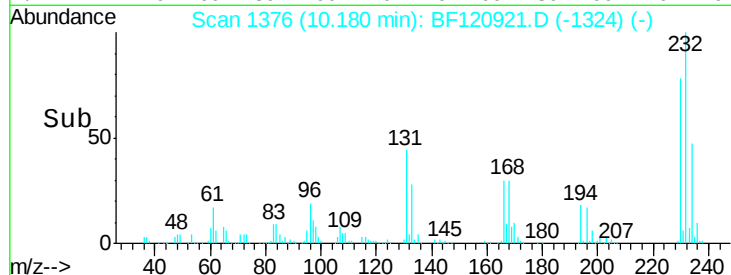
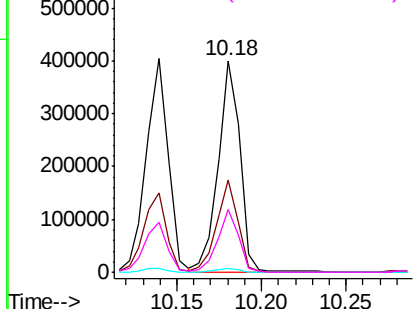
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.481 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

Tot Ion:232 Resp: 361830
Ion Ratio Lower Upper
232 100
131 42.9 37.1 55.7
130 2.1 1.7 2.5
166 29.1 24.2 36.4

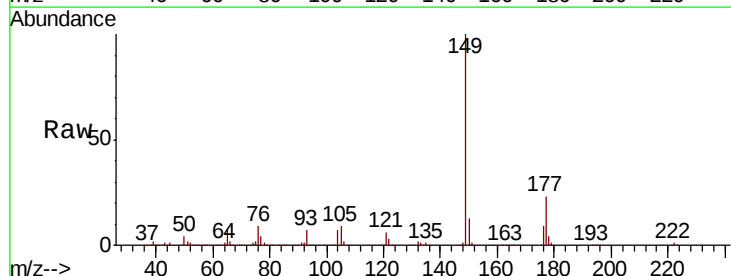


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

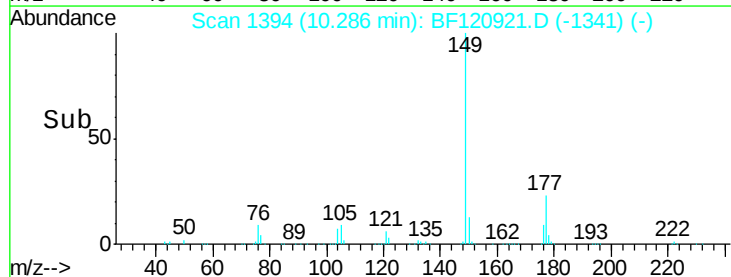
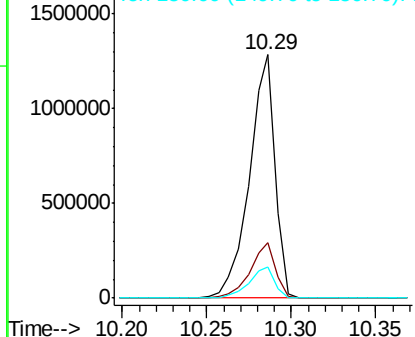


#60
Diethylphthalate
Concen: 41.574 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion:149 Resp: 1362233
Ion Ratio Lower Upper
149 100
177 22.6 17.1 25.7
150 12.6 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

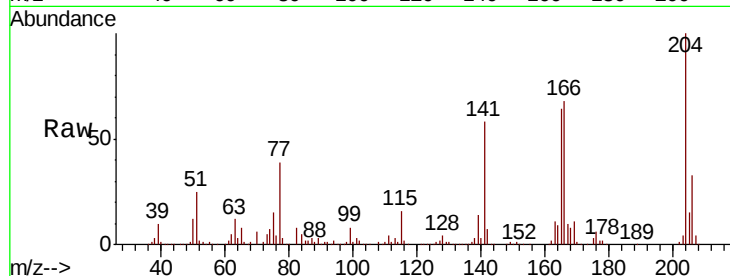




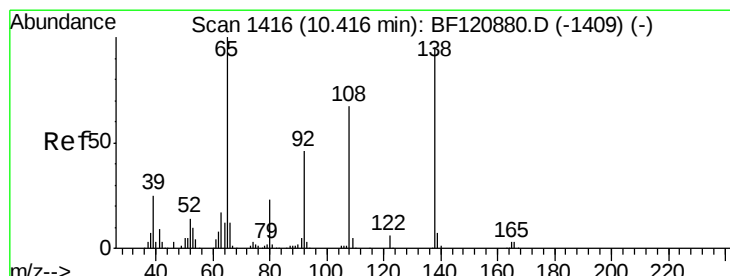
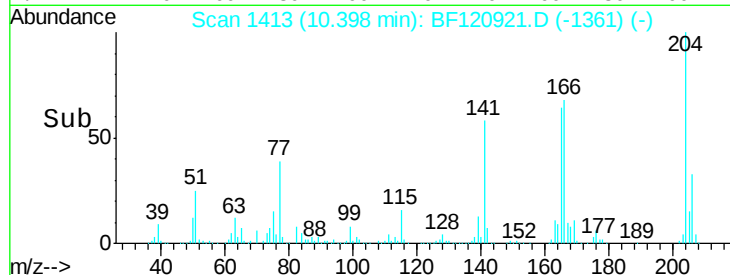
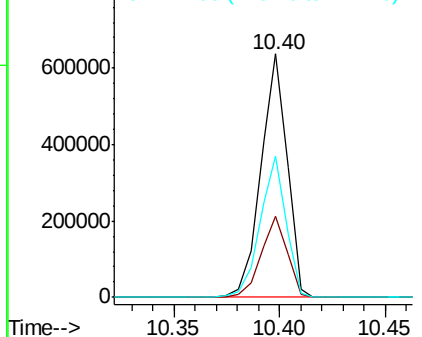
#61
4-Chlorophenyl-phenylether
Concen: 34.699 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

Tot Ion:204 Resp: 550570
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 58.1 47.2 70.8

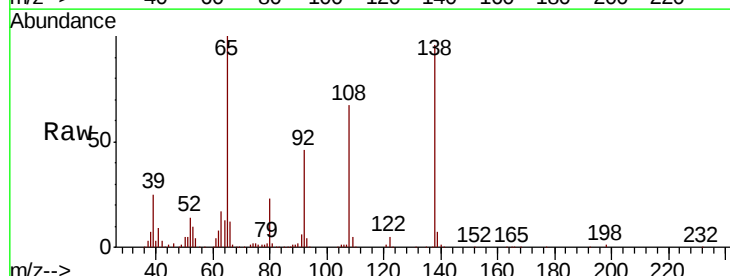


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

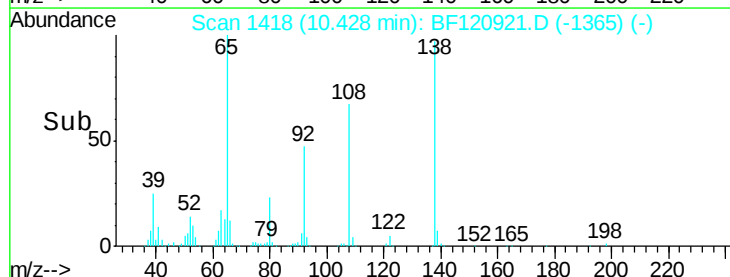
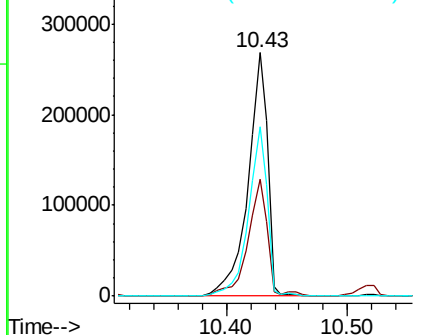


#62
4-Nitroaniline
Concen: 35.804 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion:138 Resp: 304433
Ion Ratio Lower Upper
138 100
92 48.2 28.6 68.6
108 69.6 51.1 91.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.248 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

Tot Ion: 77 Resp: 1255516

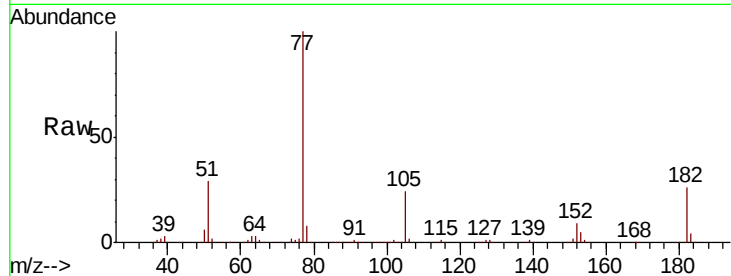
Ion Ratio Lower Upper

77 100

182 25.5 7.8 47.8

105 24.0 4.4 44.4

51 28.9 8.0 48.0

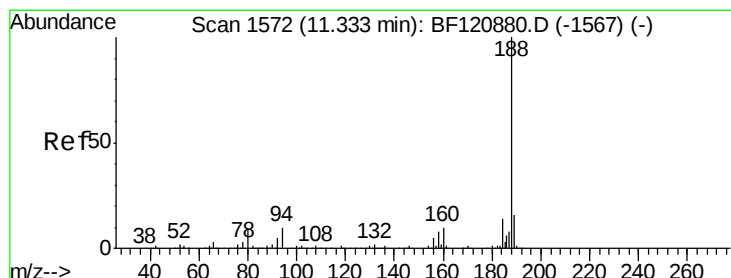
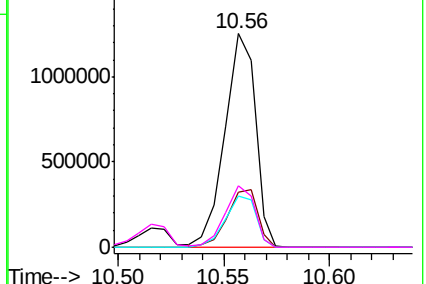
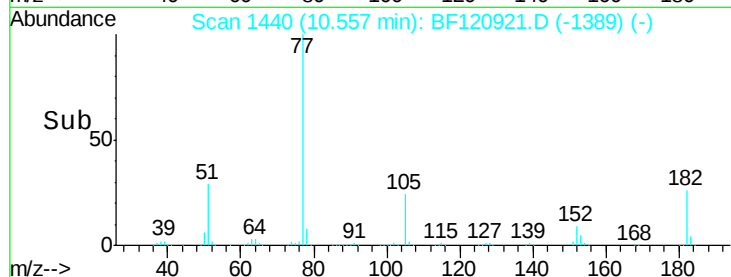


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

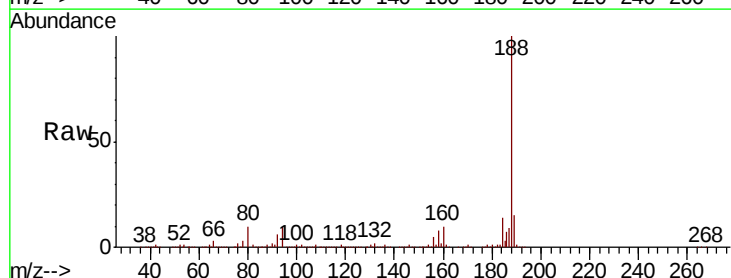
Tgt Ion: 188 Resp: 819284

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

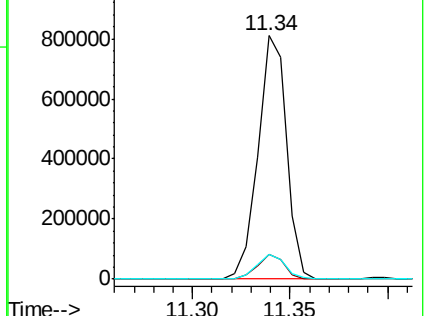
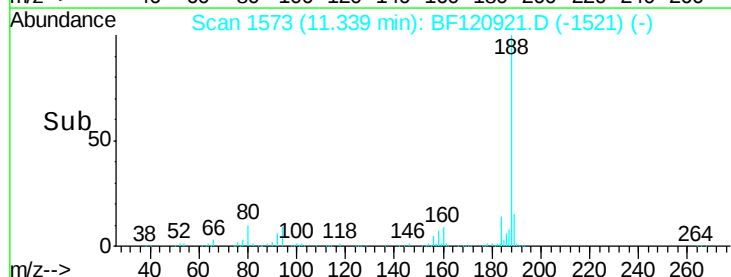
80 10.4 8.3 12.5

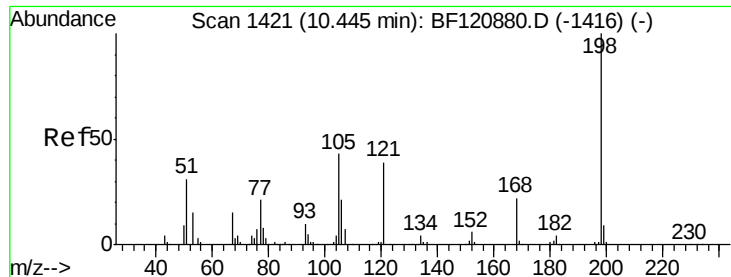


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

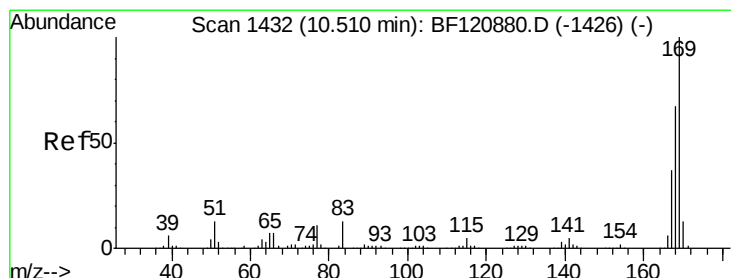
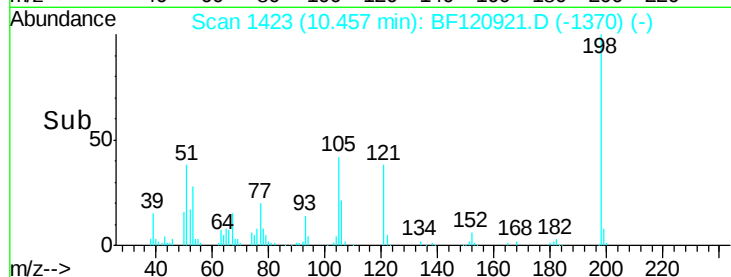
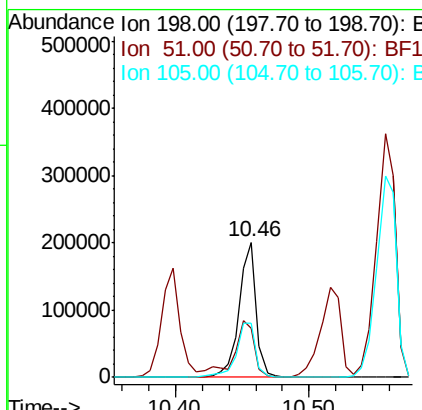
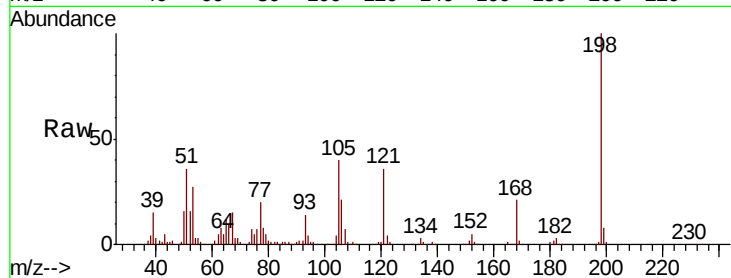




#65
4,6-Dinitro-2-methylphenol
Concen: 38.993 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

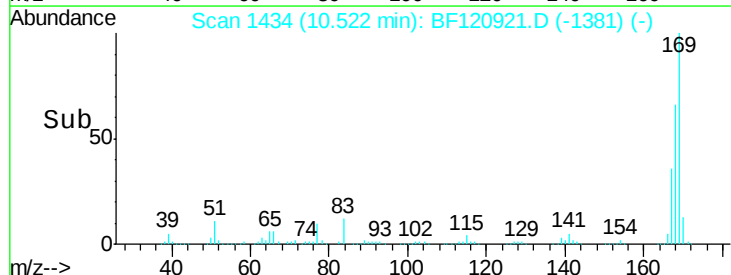
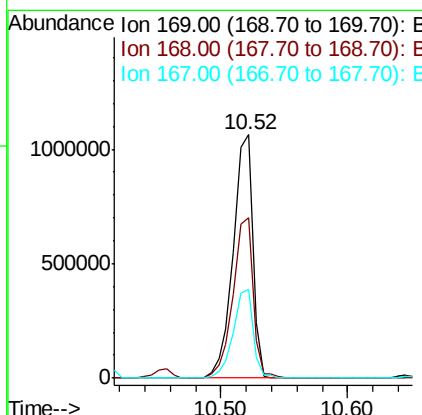
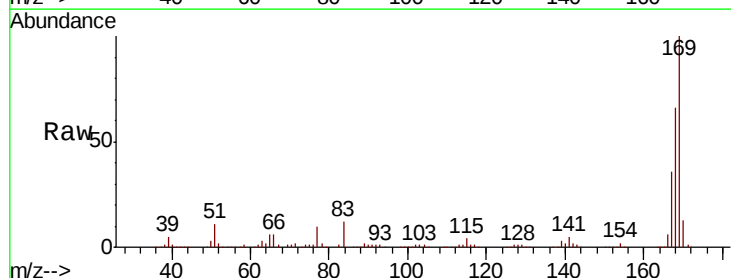
Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

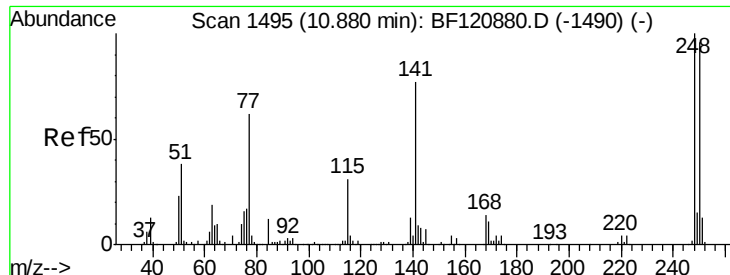
Tot Ion:198 Resp: 181178
Ion Ratio Lower Upper
198 100
51 36.1 19.5 59.5
105 40.0 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 43.860 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion:169 Resp: 1130404
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 36.4 29.4 44.0

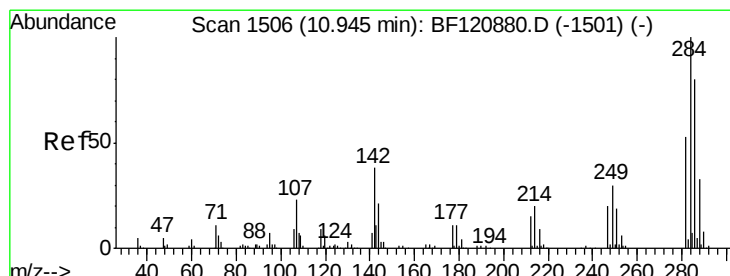
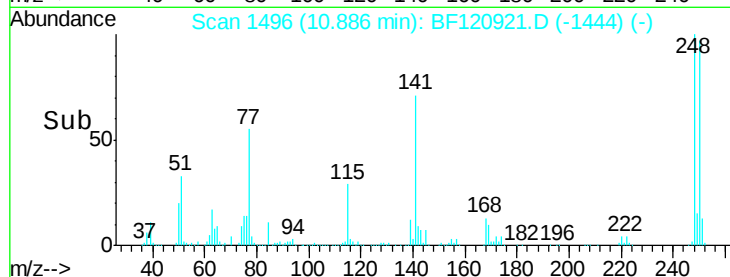
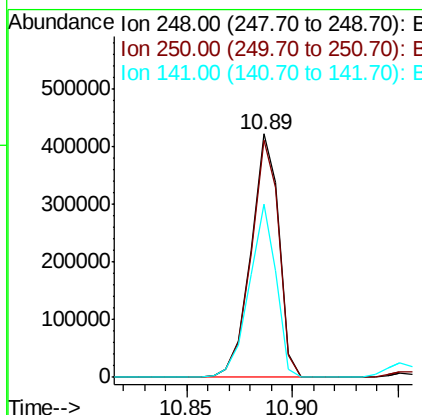
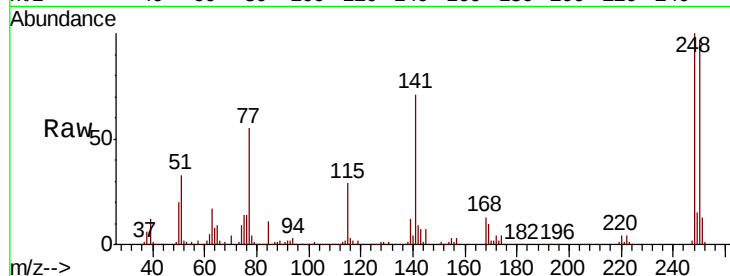




#67
 4-Bromophenyl-phenylether
 Concen: 42.587 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

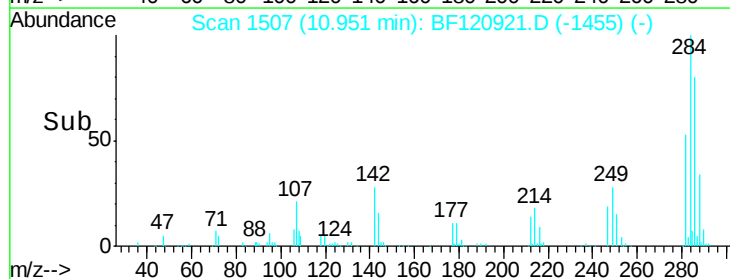
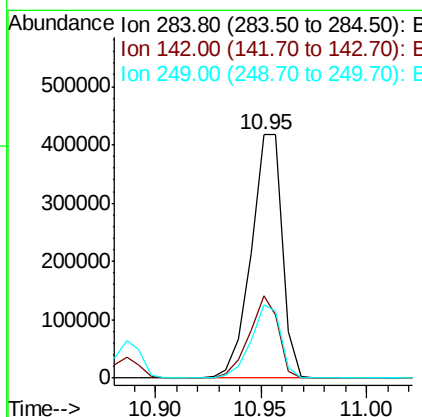
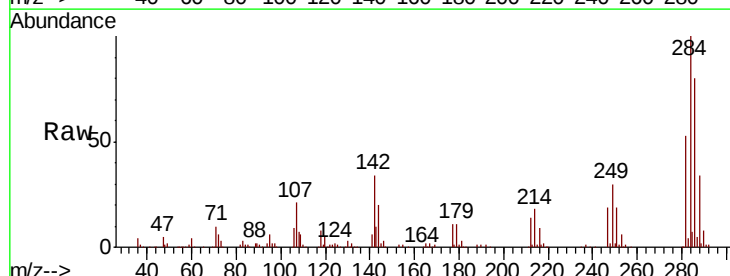
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

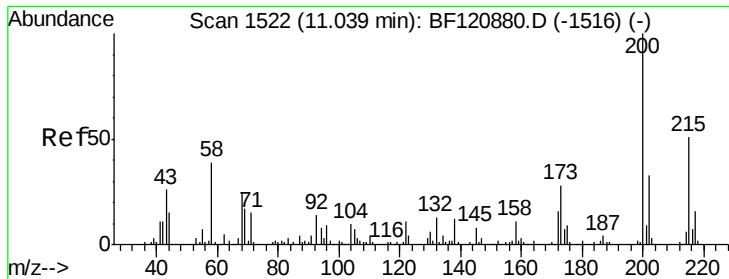
Tot Ion:248 Resp: 389009
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.1 115.7
 141 71.3 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 43.315 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion:284 Resp: 427994
 Ion Ratio Lower Upper
 284 100
 142 34.0 30.2 45.2
 249 30.1 24.2 36.2

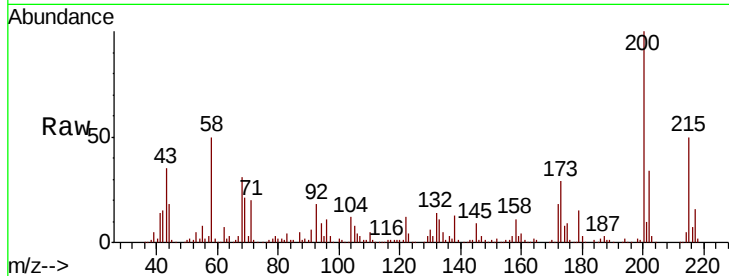




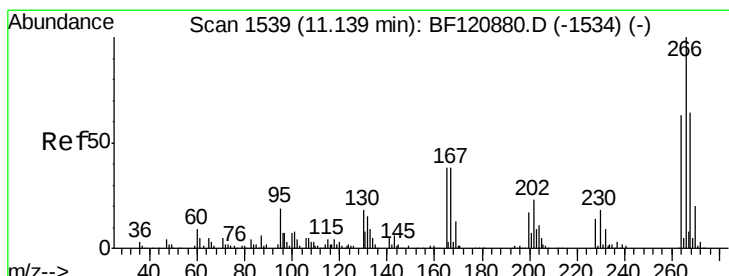
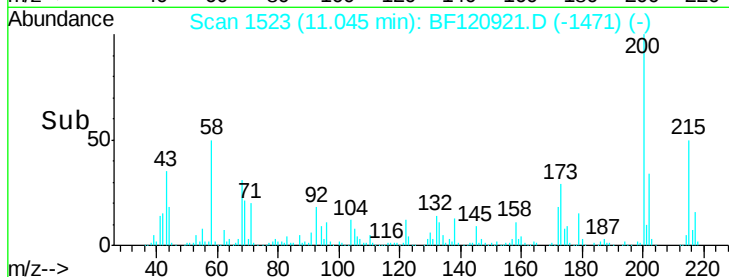
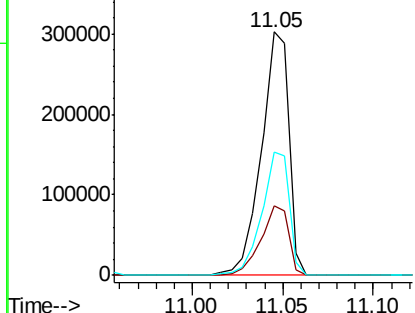
#69
Atrazine
Concen: 50.083 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

Tot Ion:200 Resp: 319677
Ion Ratio Lower Upper
200 100
173 28.6 8.0 48.0
215 50.4 31.5 71.5

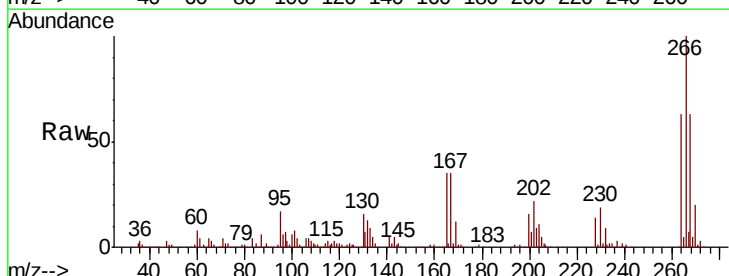


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

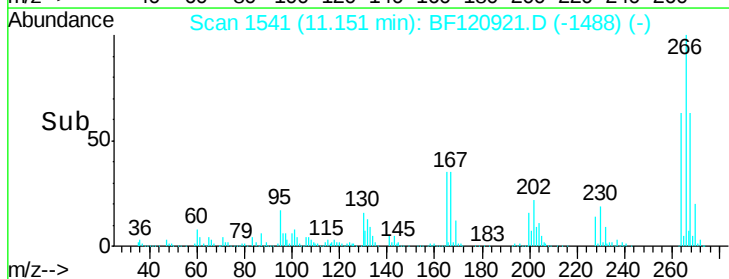
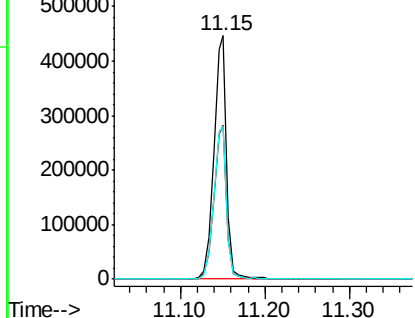


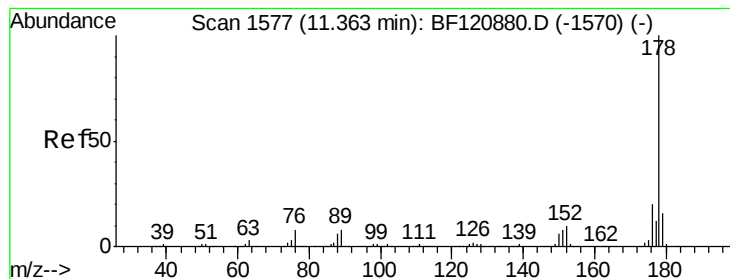
#70
Pentachlorophenol
Concen: 84.999 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion:266 Resp: 481153
Ion Ratio Lower Upper
266 100
268 63.3 51.1 76.7
264 62.9 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.502 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

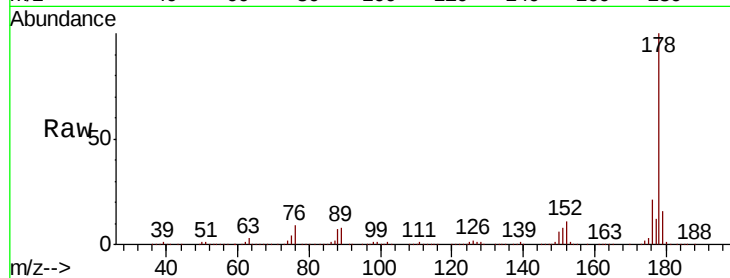
Tot Ion:178 Resp: 1664452

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

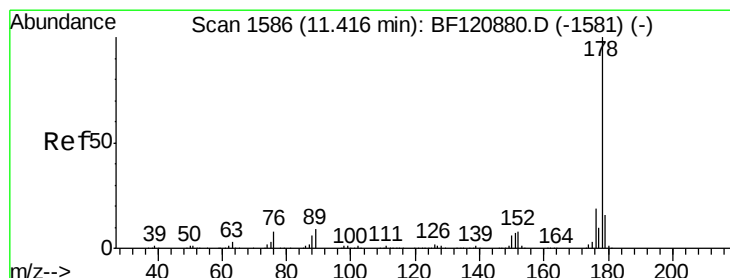
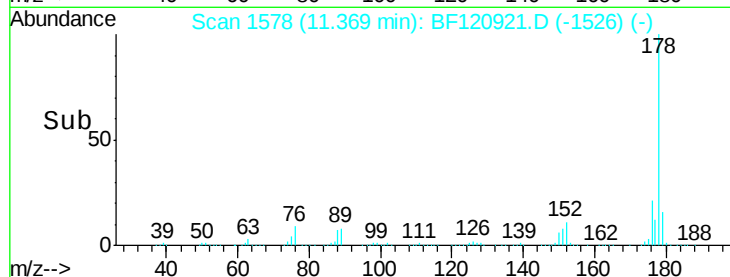
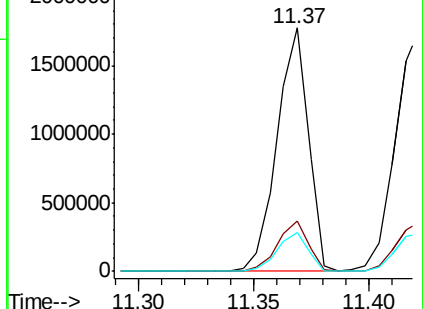
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.825 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

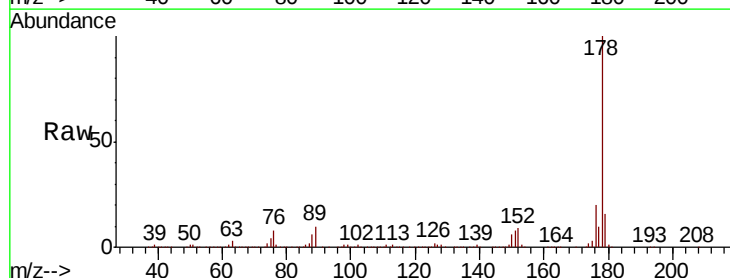
Tgt Ion:178 Resp: 1727337

Ion Ratio Lower Upper

178 100

176 20.3 15.5 23.3

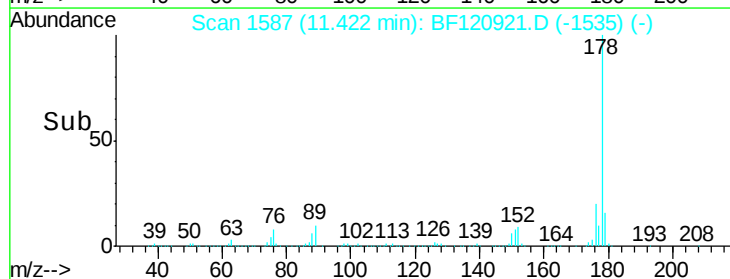
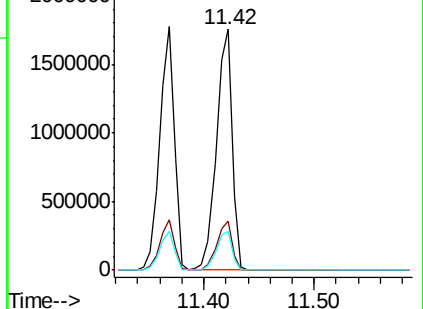
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

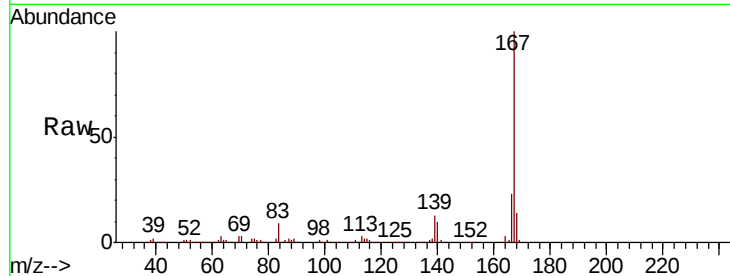




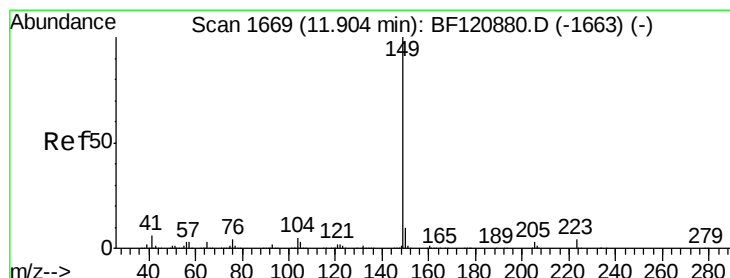
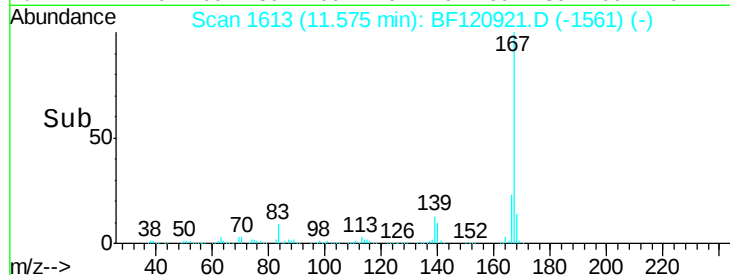
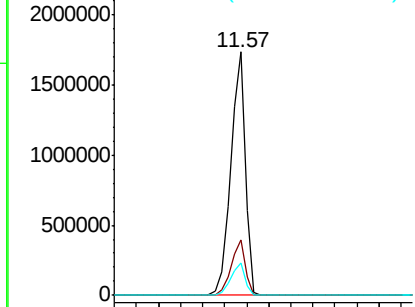
#73
 Carbazole
 Concen: 38.375 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

Tot Ion:167 Resp: 1611348
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.7 26.5
 139 13.1 10.1 15.1

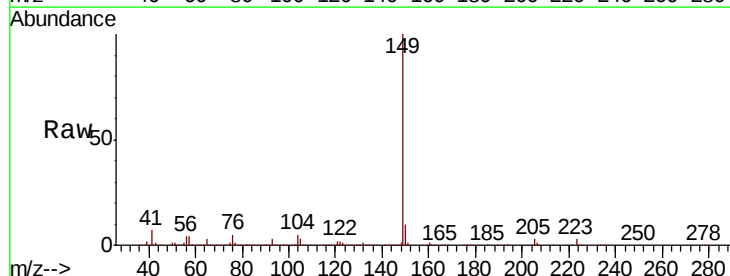


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

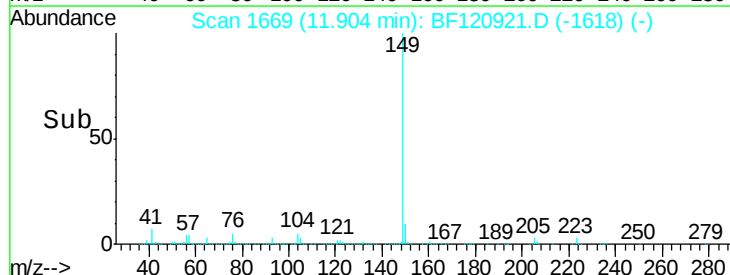
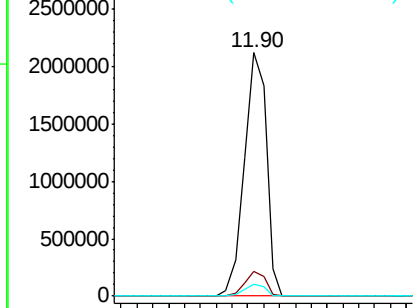


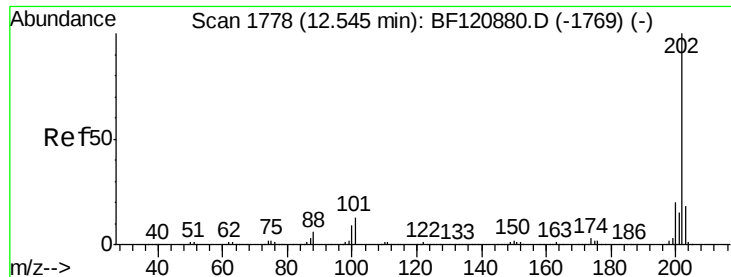
#74
 Di-n-butylphthalate
 Concen: 42.113 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion:149 Resp: 2040623
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.8 11.6
 104 5.0 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

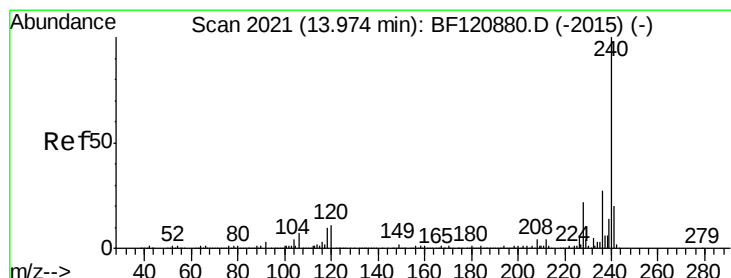
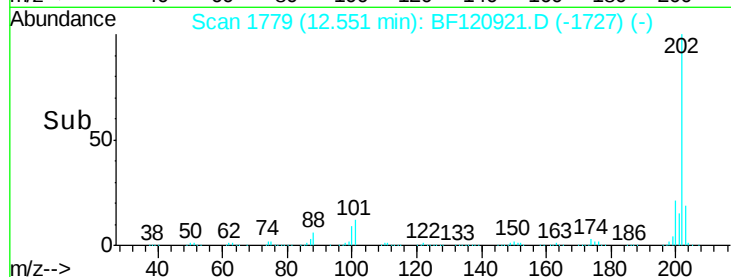
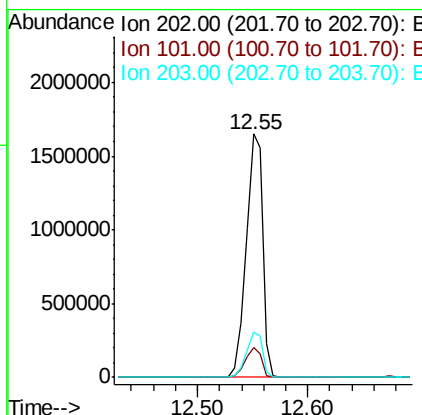
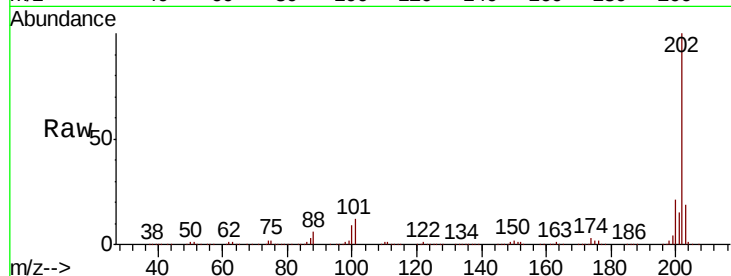




#75
 Fluoranthene
 Concen: 37.254 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

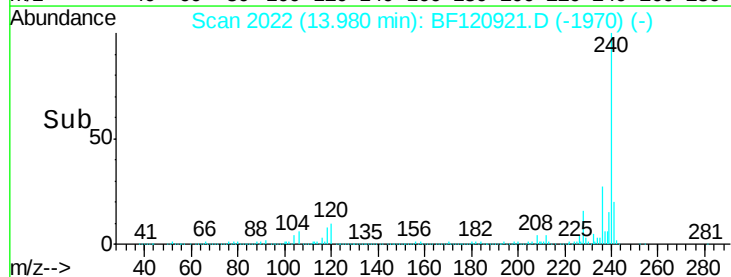
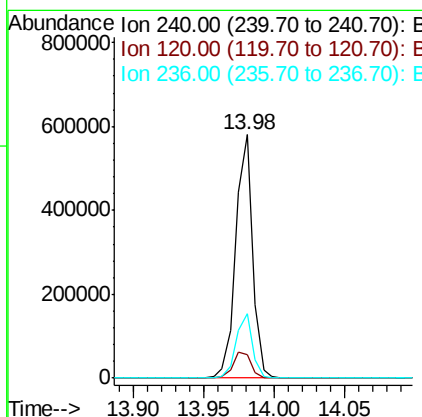
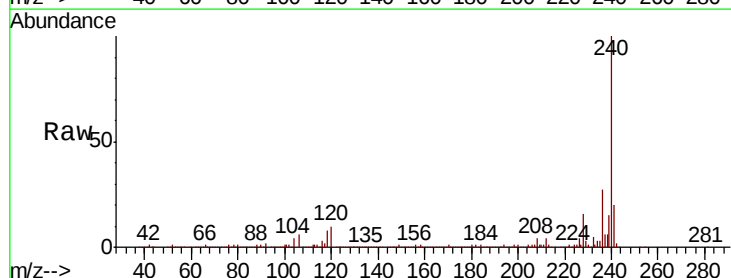
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

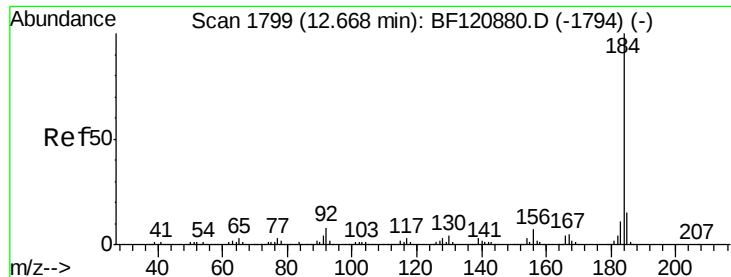
Tot Ion:202 Resp: 1739934
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 32.7
 203 18.5 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion:240 Resp: 481731
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.0 13.4
 236 26.6 21.7 32.5





#77

Benzidine

Concen: 91.940 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

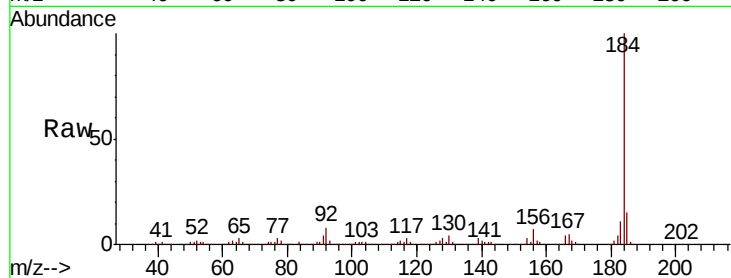
Tot Ion:184 Resp: 1164471

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.2	18.2
183	11.1	8.5	12.7

184 100

185 15.0 12.2 18.2

183 11.1 8.5 12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.67

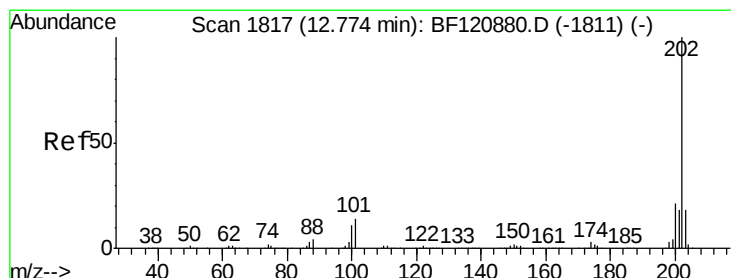
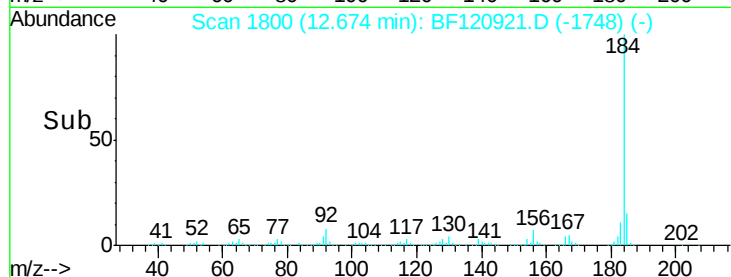
1000000

500000

0

Time-->

12.60 12.70 12.80



#78

Pyrene

Concen: 50.956 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

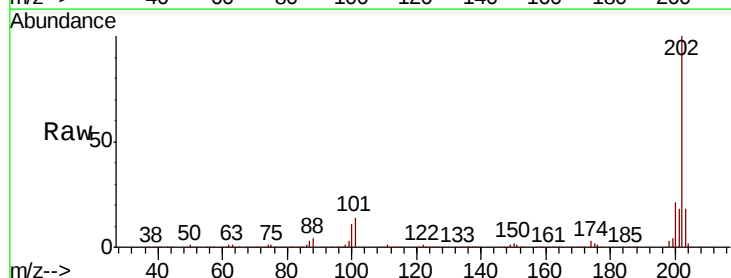
Tgt Ion:202 Resp: 1735486

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	18.2	14.4	21.6

202 100

200 21.0 17.0 25.4

203 18.2 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

12.78

2000000

1500000

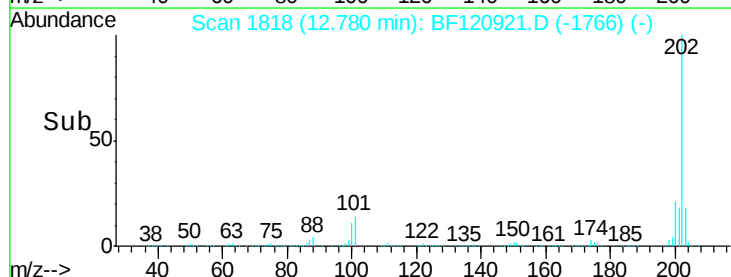
1000000

500000

0

Time-->

12.70 12.80 12.90

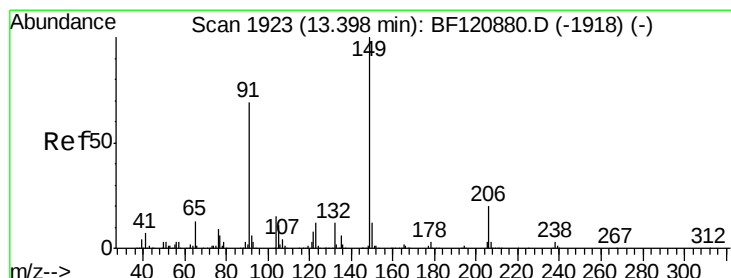
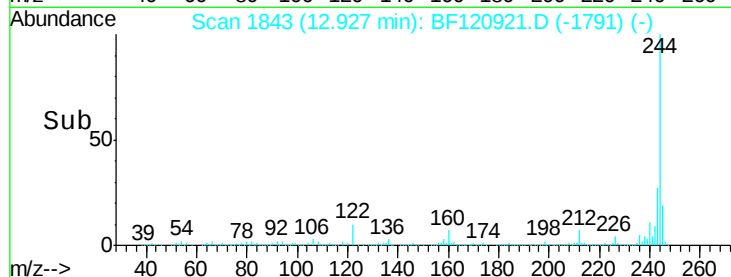
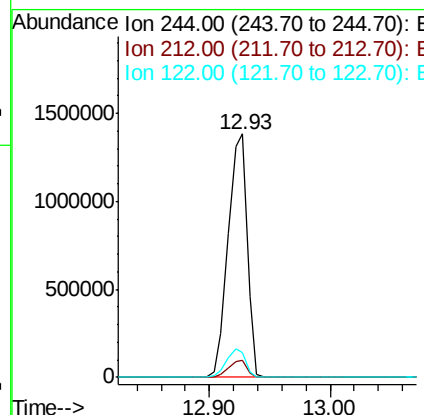
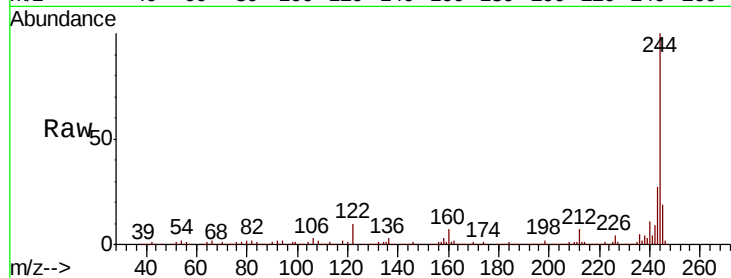




#79
 Terphenyl-d14
 Concen: 68.144 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

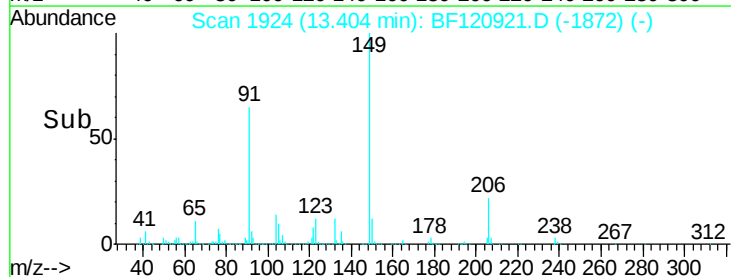
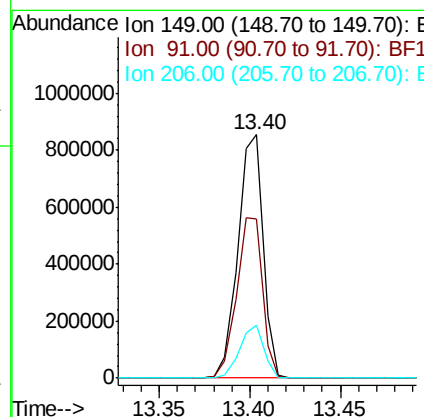
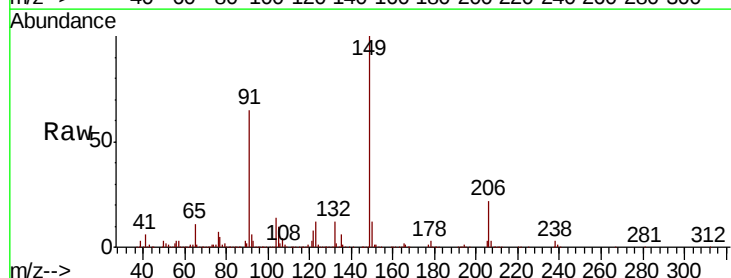
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

Tot Ion:244 Resp: 1510135
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.4 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 54.362 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion:149 Resp: 825362
 Ion Ratio Lower Upper
 149 100
 91 65.2 55.1 82.7
 206 21.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 40.478 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

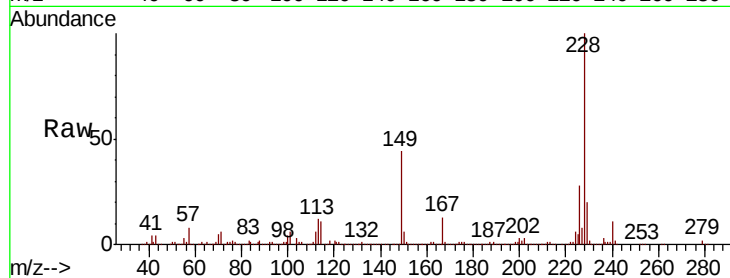
Tot Ion:228 Resp: 1180792

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

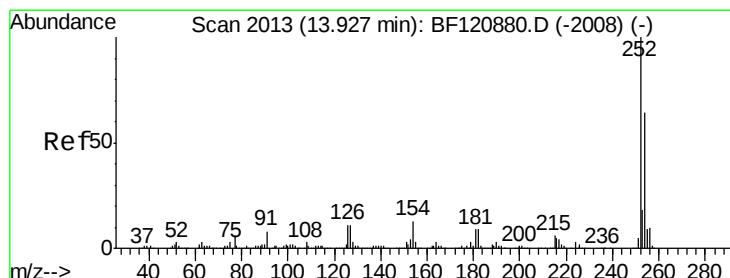
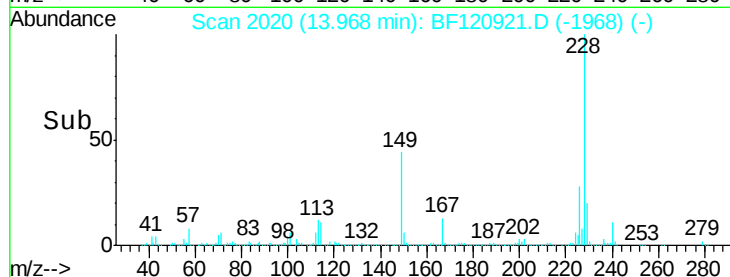
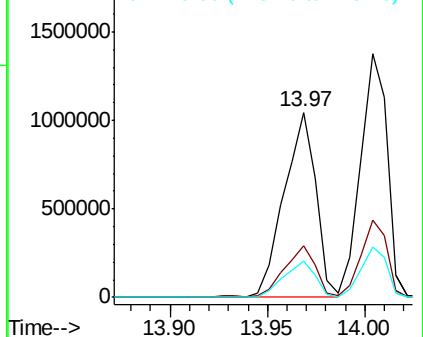
229 19.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 47.248 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

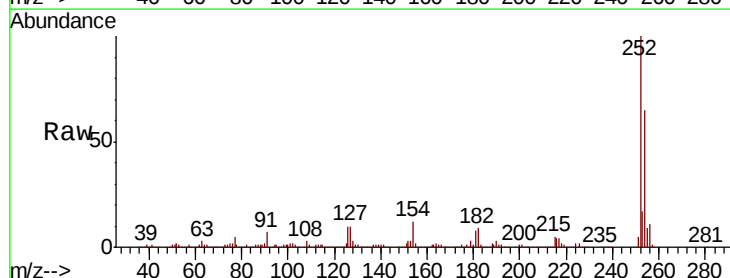
Tgt Ion:252 Resp: 519982

Ion Ratio Lower Upper

252 100

254 65.4 51.2 76.8

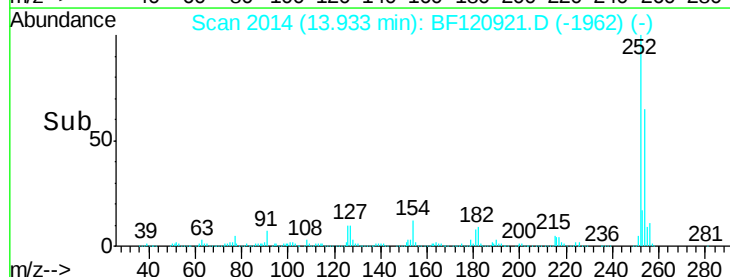
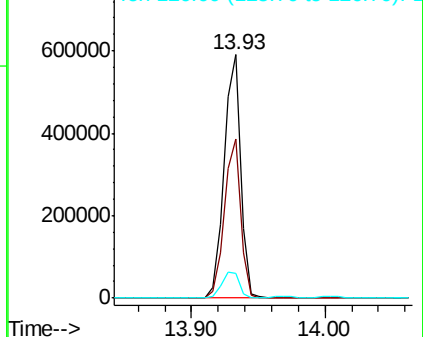
126 10.2 8.7 13.1

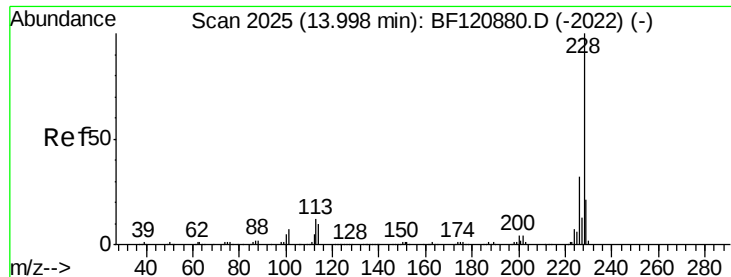


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

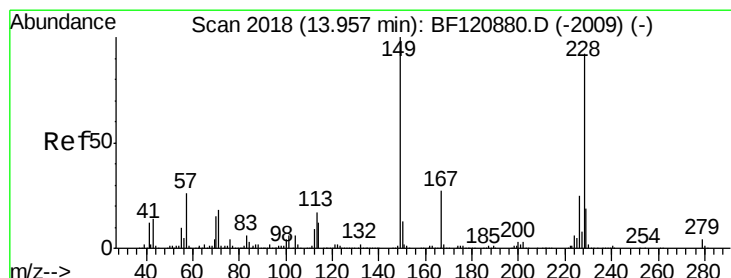
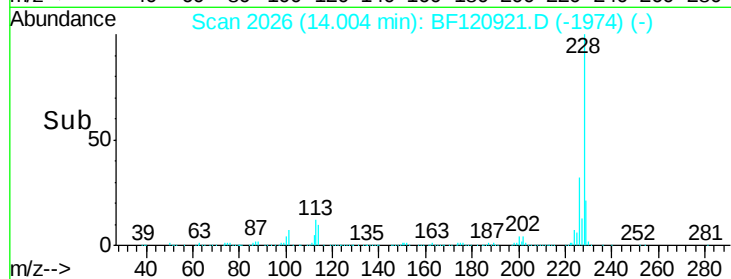
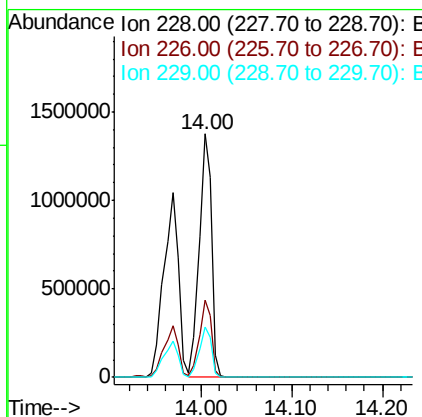
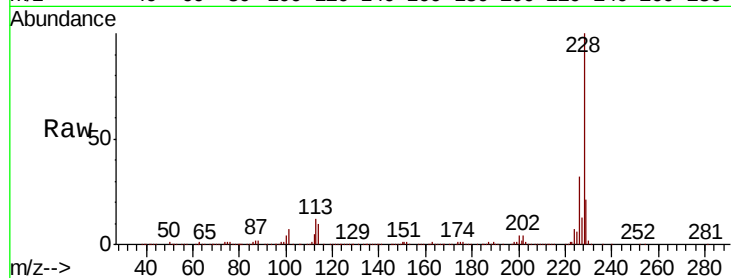




#83
 Chrysene
 Concen: 42.457 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

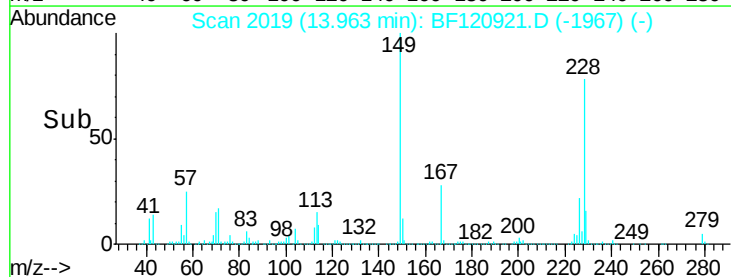
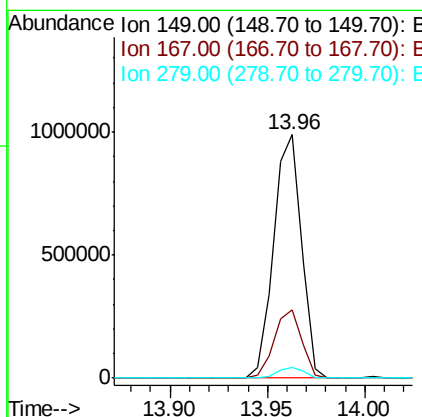
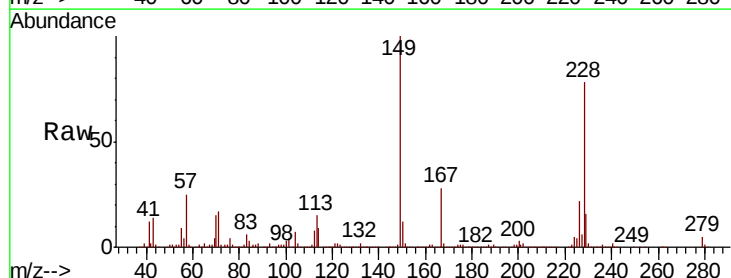
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

Tot Ion:228 Resp: 1301549
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.6 38.4
 229 20.6 16.8 25.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.039 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion:149 Resp: 974284
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.9 32.9
 279 4.6 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 48.209 ng

RT: 14.57 min Scan# 2123

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

BNA_F

ClientSampleId :

TP-11-SMS

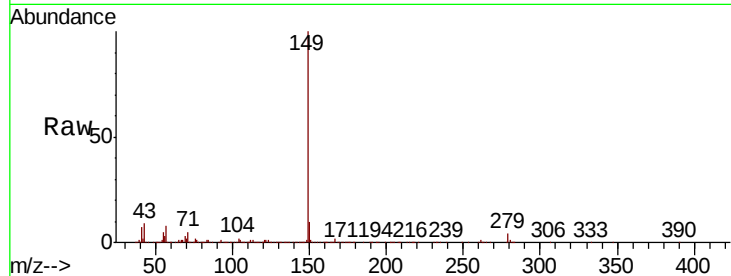
Tot Ion:149 Resp: 1795683

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

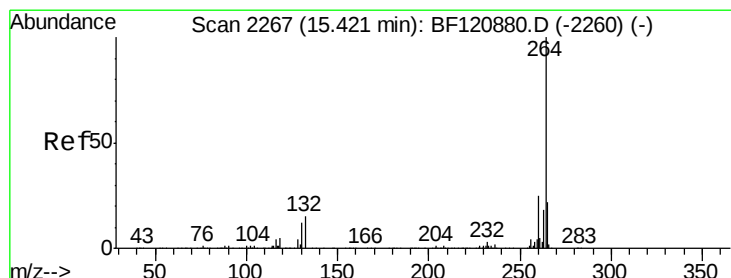
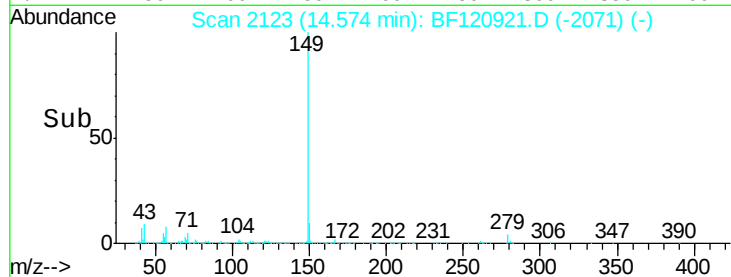
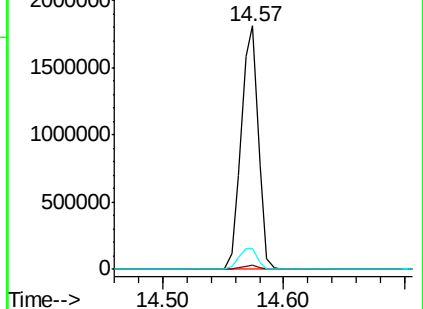
43 9.2 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

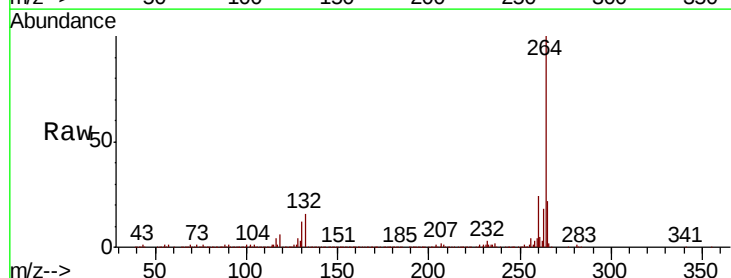
Tgt Ion:264 Resp: 506731

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

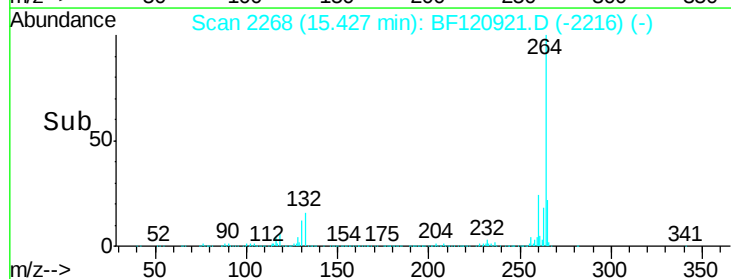
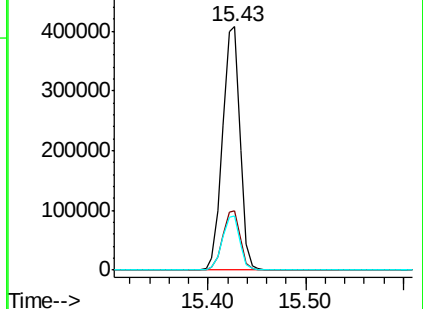
265 22.0 17.4 26.2

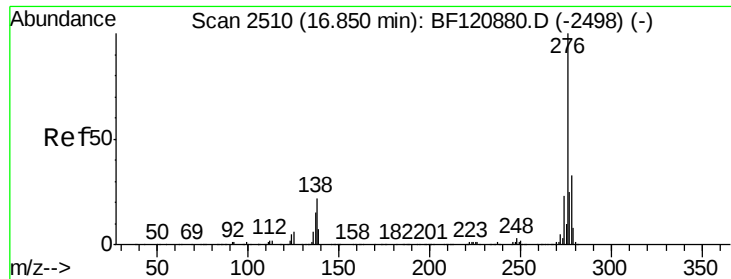


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

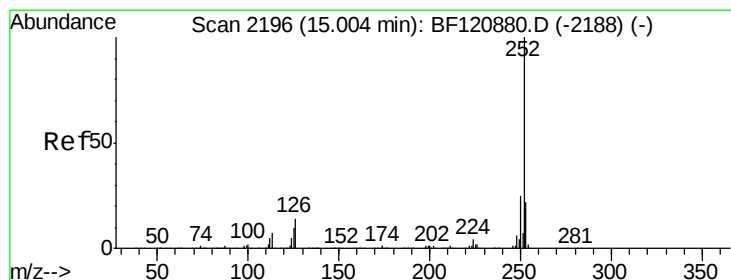
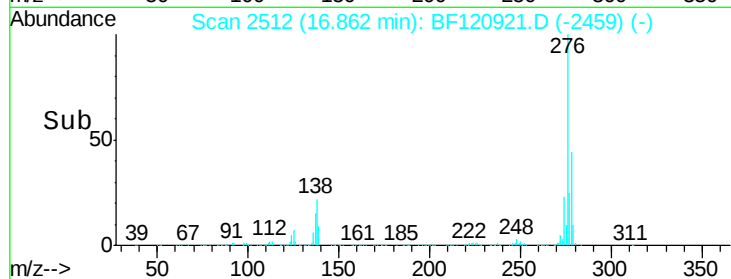
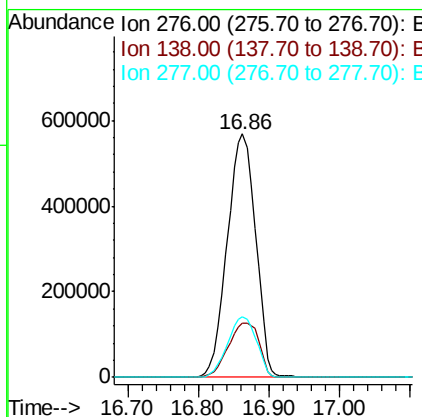
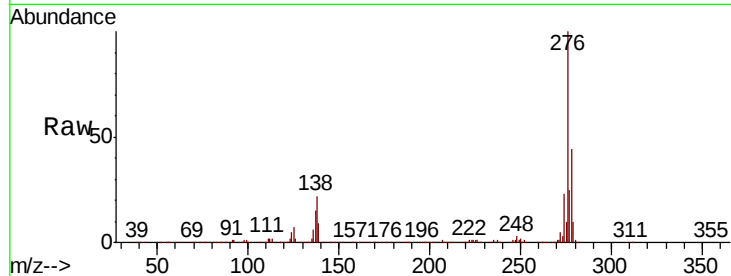




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.185 ng
 RT: 16.86 min Scan# 2512
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

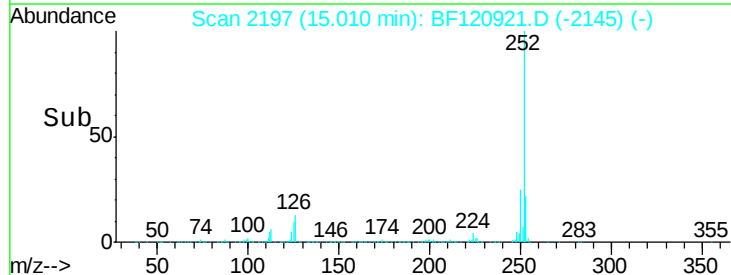
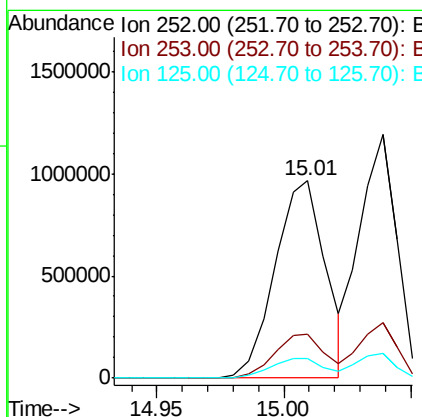
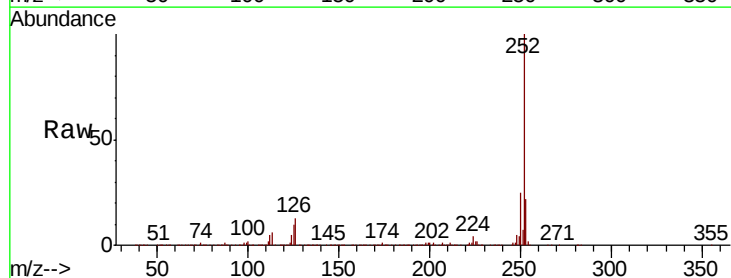
Instrument :
 BNA_F
 ClientSampleId :
 TP-11-SMS

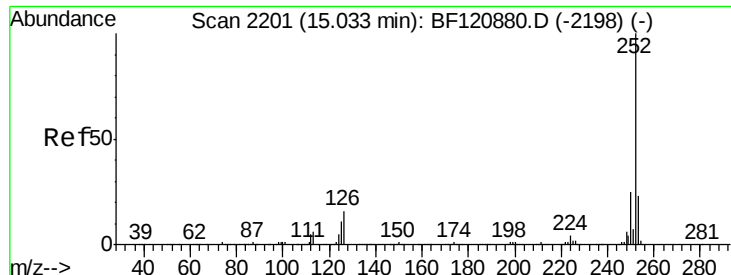
Tot Ion:276 Resp: 1592382
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.8 29.8
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 43.719 ng
 RT: 15.01 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF120921.D
 Acq: 17 Jul 2020 14:28

Tgt Ion:252 Resp: 1339125
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 10.0 8.3 12.5

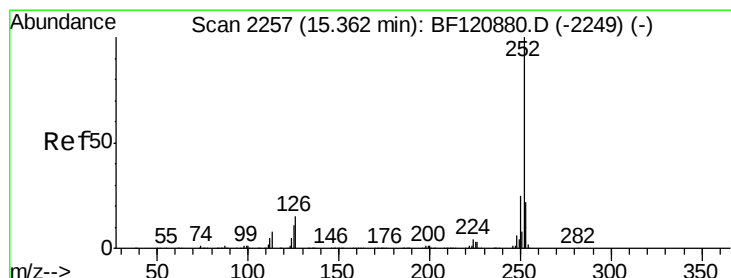
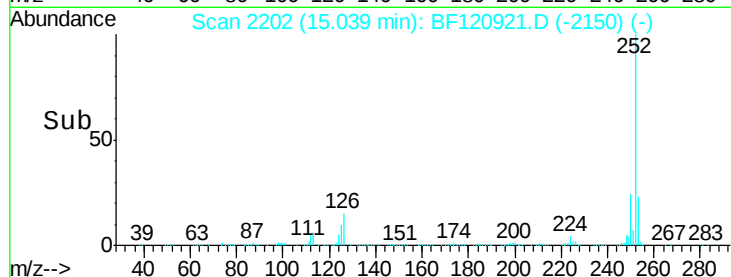
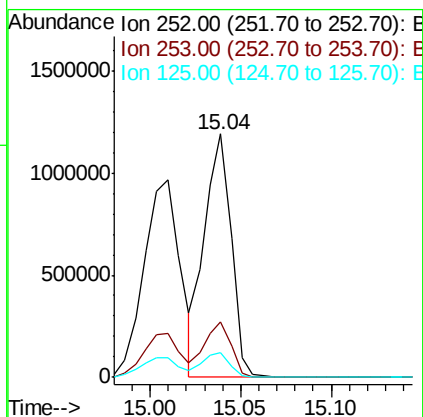
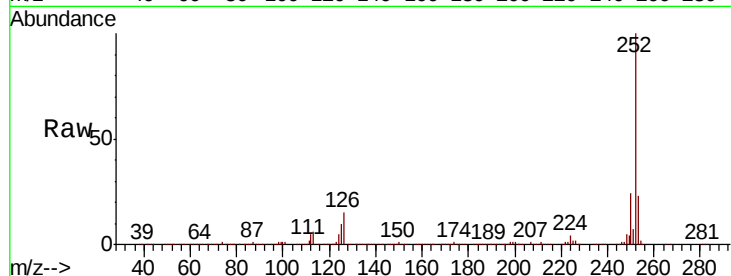




#89
Benzo(k)fluoranthene
Concen: 43.689 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

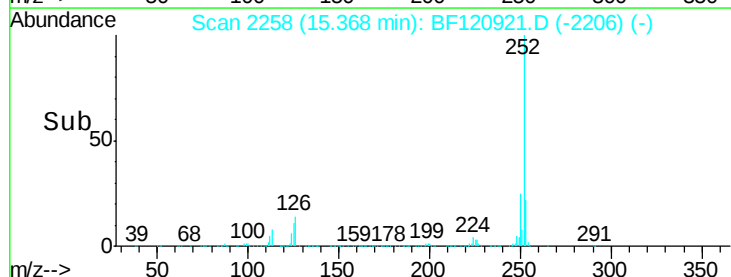
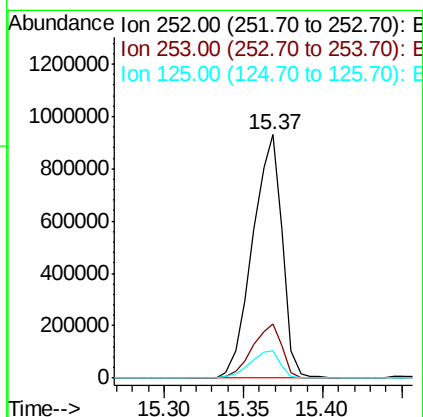
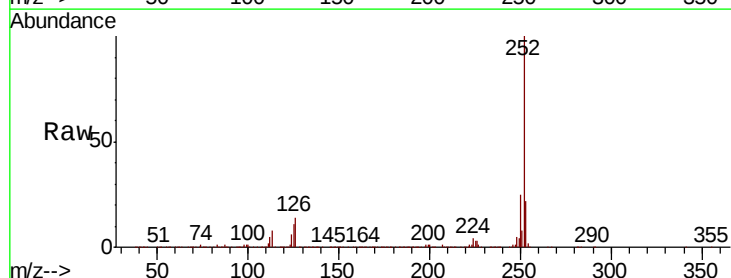
Instrument :
BNA_F
ClientSampleId :
TP-11-SMS

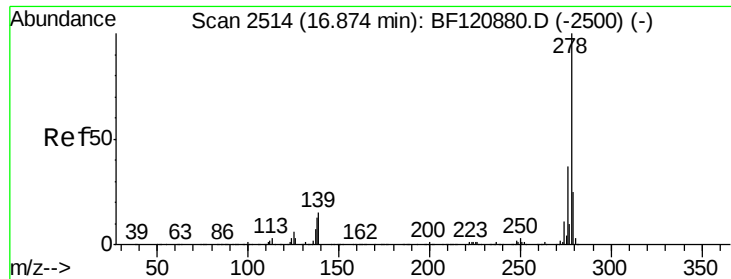
Tot Ion:252 Resp: 1220431
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 10.1 8.4 12.6



#90
Benzo(a)pyrene
Concen: 43.329 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF120921.D
Acq: 17 Jul 2020 14:28

Tgt Ion:252 Resp: 1210864
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.3 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 45.039 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Instrument :

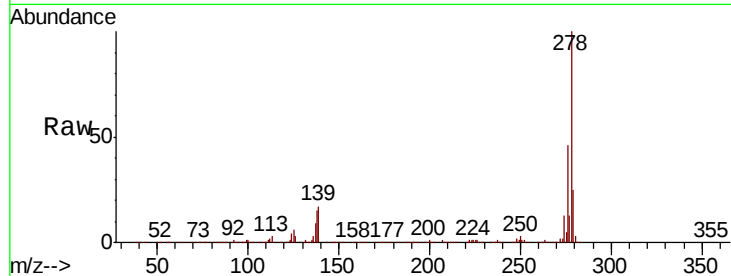
BNA_F

ClientSampleId :

TP-11-SMS

Tot Ion:278 Resp: 1296523

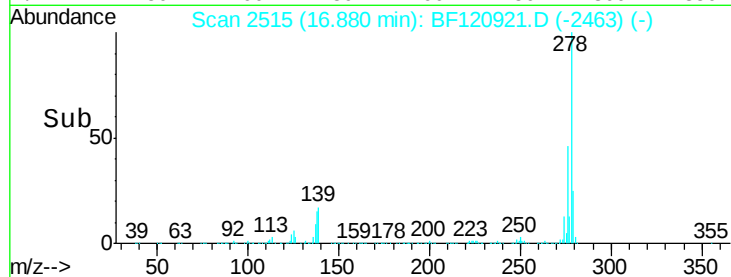
Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.3	18.5
279	24.6	20.1	30.1



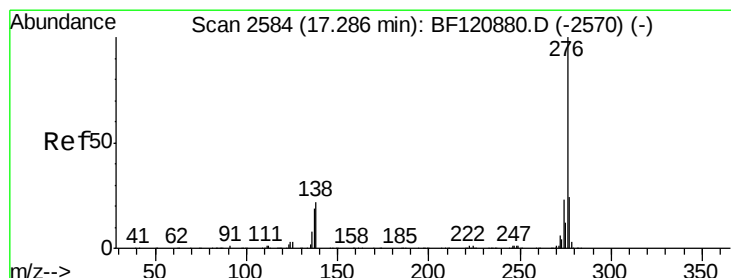
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 46.244 ng

RT: 17.30 min Scan# 2586

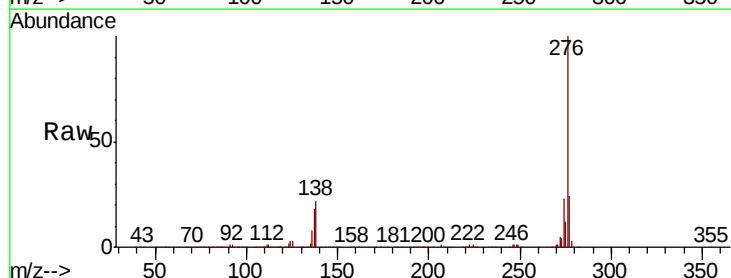
Delta R.T. 0.01 min

Lab File: BF120921.D

Acq: 17 Jul 2020 14:28

Tgt Ion:276 Resp: 1312566

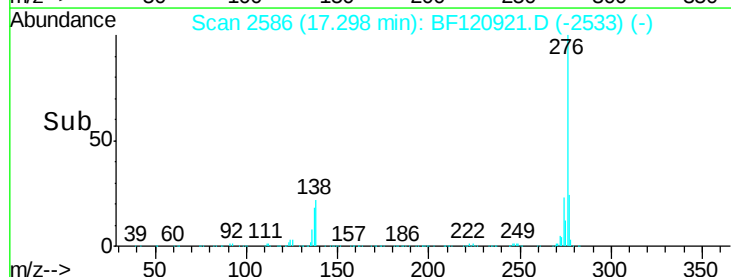
Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	22.0	17.5	26.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->